

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010682.D
 Acq On : 04 Jul 2019 10:58
 Operator : JC/SP
 Sample : K3669-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Quant Time: Jul 05 01:00:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112382	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
35) Dibromofluoromethane	5.50	113	106072	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	385275	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	143947	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96511	63.840	ug/l	100
3) Chloromethane	1.32	50	102060	57.976	ug/l	99
4) Vinyl Chloride	1.41	62	112442	58.316	ug/l	98
5) Bromomethane	1.64	94	54488	58.006	ug/l	100
6) Chloroethane	1.71	64	68401	60.129	ug/l	99
7) Trichlorofluoromethane	1.93	101	184485	60.357	ug/l	100
8) Diethyl Ether	2.19	74	65681	59.921	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101309	54.694	ug/l	98
10) Methyl Iodide	2.51	142	133165	50.375	ug/l	97
11) Tert butyl alcohol	3.05	59	125296	234.861	ug/l	98
12) 1,1-Dichloroethene	2.37	96	106564	56.538	ug/l	98
13) Acrolein	2.29	56	87684	247.762	ug/l	100
14) Allyl chloride	2.73	41	143997	53.813	ug/l	97
15) Acrylonitrile	3.14	53	307382	291.013	ug/l	100
16) Acetone	2.45	43	257043	251.562	ug/l	97
17) Carbon Disulfide	2.57	76	273857	54.158	ug/l	100
18) Methyl Acetate	2.78	43	102021	50.097	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	343196	57.880	ug/l	99
20) Methylene Chloride	2.85	84	119874	57.007	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	112444	55.470	ug/l	95
22) Diisopropyl ether	3.85	45	325045	58.099	ug/l	96
23) Vinyl Acetate	3.81	43	1213216	251.018	ug/l	97
24) 1,1-Dichloroethane	3.70	63	186590	57.698	ug/l	99
25) 2-Butanone	4.67	43	414052	276.249	ug/l	100
26) 2,2-Dichloropropane	4.58	77	71228	25.354	ug/l	82
27) cis-1,2-Dichloroethene	4.60	96	231214	98.703	ug/l	95
28) Bromochloromethane	5.01	49	77277	49.979	ug/l	95
29) Tetrahydrofuran	5.13	42	268525	289.237	ug/l	99
30) Chloroform	5.21	83	200731	57.689	ug/l	100
31) Cyclohexane	5.58	56	167199	56.775	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	173929	56.610	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143508	53.351	ug/l	98
37) Ethyl Acetate	4.83	43	136298	49.255	ug/l	98
38) Carbon Tetrachloride	5.79	117	154490	53.039	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182246	51.544	ug/l	99
40) Benzene	6.14	78	460527	54.954	ug/l	99
41) Methacrylonitrile	5.04	41	83423	54.944	ug/l	98
42) 1,2-Dichloroethane	6.19	62	153797	60.290	ug/l	97
43) Isopropyl Acetate	6.45	43	234877	51.302	ug/l	97
44) Trichloroethene	7.21	130	132507	52.843	ug/l	95
45) 1,2-Dichloropropane	7.51	63	113148	53.467	ug/l	99
46) Dibromomethane	7.66	93	83322	54.877	ug/l	96
47) Bromodichloromethane	7.90	83	149539	53.742	ug/l	100
48) Methyl methacrylate	7.77	41	121851	57.259	ug/l	98
49) 1,4-Dioxane	7.74	88	55723	908.961	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	840130	286.918	ug/l	98
52) Toluene	8.78	92	295986	53.634	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147581	47.307	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	163283	48.164	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	124160	54.552	ug/l	98
56) Ethyl methacrylate	9.18	69	190211	55.168	ug/l	96
57) 1,3-Dichloropropane	9.37	76	194992	55.191	ug/l	99
59) 2-Hexanone	9.49	43	641232	278.248	ug/l	99
60) Dibromochloromethane	9.58	129	133387	52.342	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133760	54.447	ug/l	100
64) Tetrachloroethene	9.34	164	119473	47.335	ug/l	99
65) Chlorobenzene	10.14	112	849301	134.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	123036	53.317	ug/l	99
67) Ethyl Benzene	10.25	91	572987	53.573	ug/l	98
68) m/p-Xylenes	10.36	106	440883	106.386	ug/l	98
69) o-Xylene	10.69	106	216965	53.237	ug/l	98
70) Stvrene	10.71	104	369093	54.003	ug/l	99
71) Bromoform	10.85	173	100835	50.247	ug/l #	99
73) Isopropylbenzene	11.02	105	582725	53.734	ug/l	99
74) N-amyl acetate	10.90	43	196664	47.986	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	194586	54.181	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	202128	69.335	ug/l	80
77) Bromobenzene	11.26	156	154879	51.147	ug/l	96
78) n-propylbenzene	11.36	91	640220	53.716	ug/l	99
79) 2-Chlorotoluene	11.42	91	380007	53.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	476786	53.332	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	45847	36.689	ug/l	90
82) 4-Chlorotoluene	11.51	91	435591	53.937	ug/l	99
83) tert-Butylbenzene	11.77	119	514567	57.346	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	484805	53.976	ug/l	99
85) sec-Butylbenzene	11.94	105	597508	56.714	ug/l	98
86) p-Isopropyltoluene	12.06	119	506882	52.015	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275097	52.045	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	278103	51.681	ug/l	99
89) n-Butylbenzene	12.38	91	429827	51.906	ug/l	99
90) Hexachloroethane	12.60	117	85941	51.002	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	272167	51.808	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40652	52.500	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	184357	50.604	ug/l	97

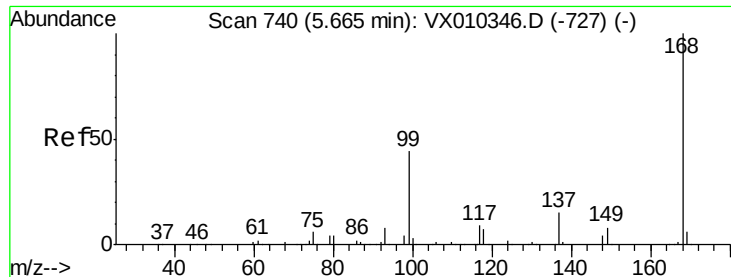
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	87556	49.174	ug/l	100
95) Naphthalene	13.83	128	587931	52.515	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	184341	50.892	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. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

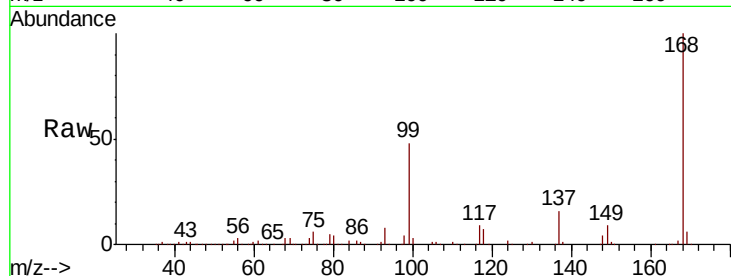
SS038RW151-190702MSD

Tot Ion:168 Resp: 217450

Ion Ratio Lower Upper

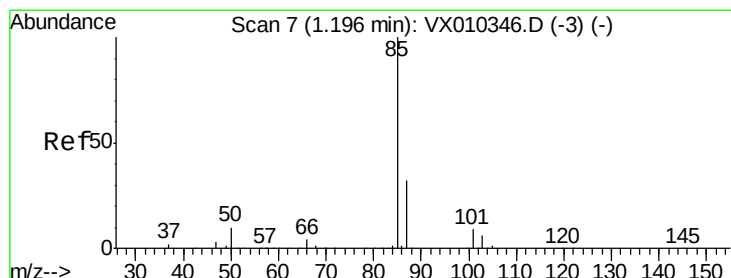
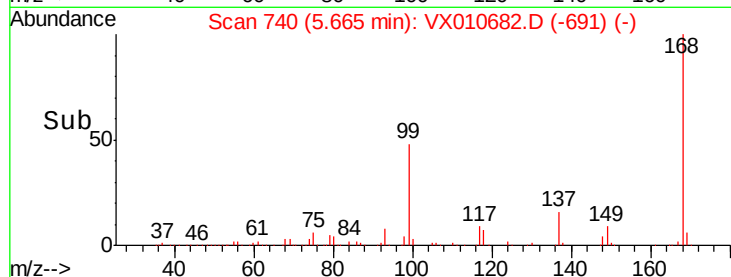
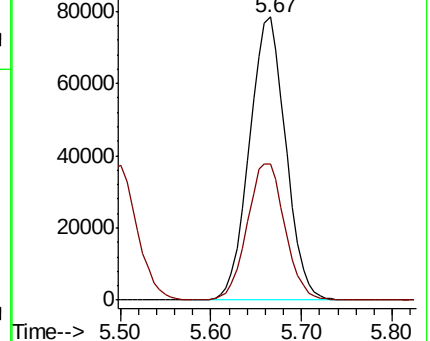
168 100

99 47.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 63.840 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010682.D

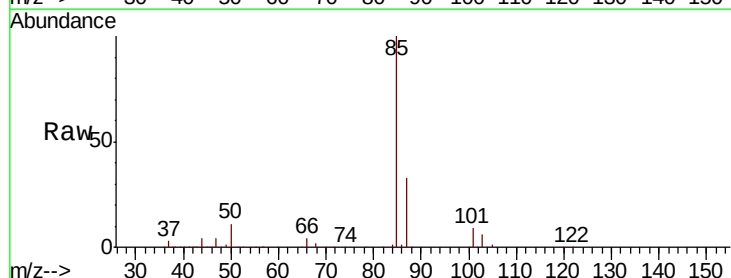
Acq: 04 Jul 2019 10:58

Tgt Ion: 85 Resp: 96511

Ion Ratio Lower Upper

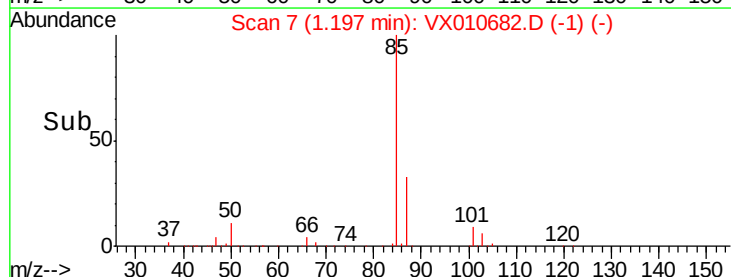
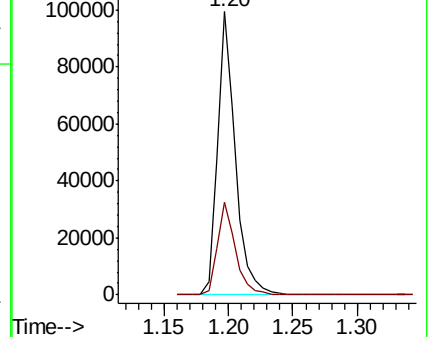
85 100

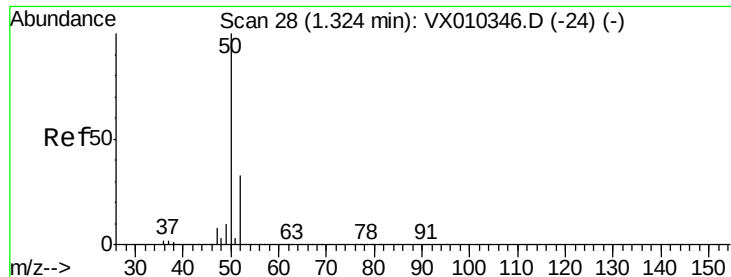
87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 57.976 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

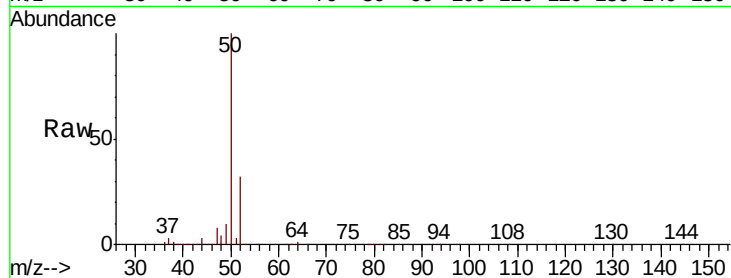
SS038RW151-190702MSD

Tot Ion: 50 Resp: 102060

Ion Ratio Lower Upper

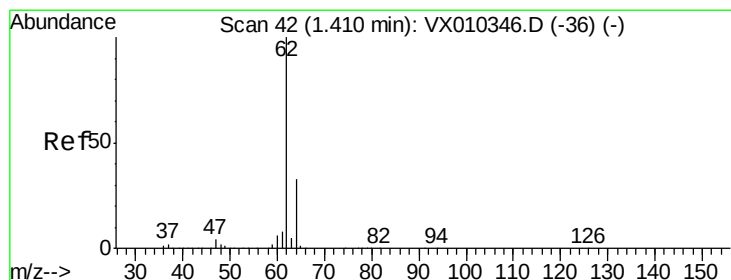
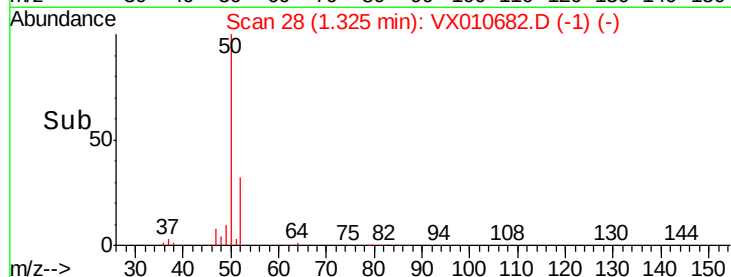
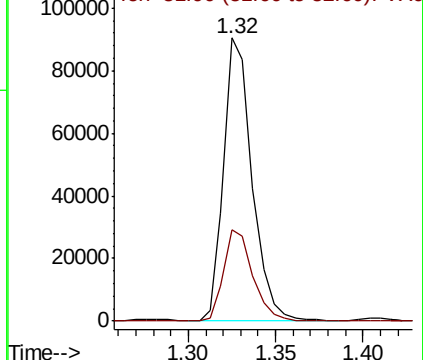
50 100

52 32.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.316 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010682.D

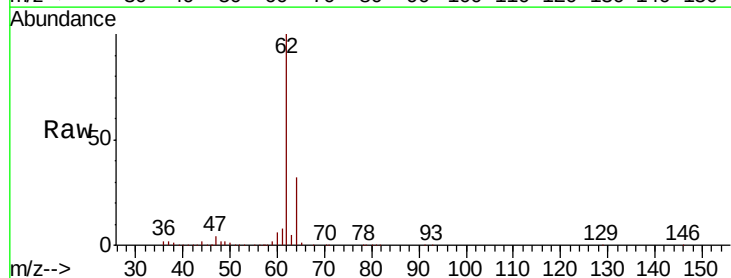
Acq: 04 Jul 2019 10:58

Tgt Ion: 62 Resp: 112442

Ion Ratio Lower Upper

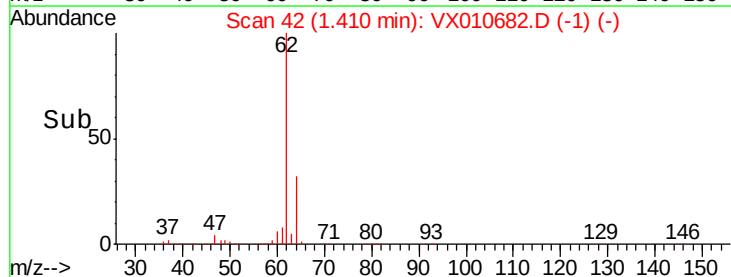
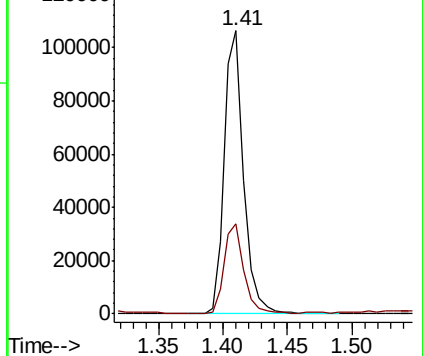
62 100

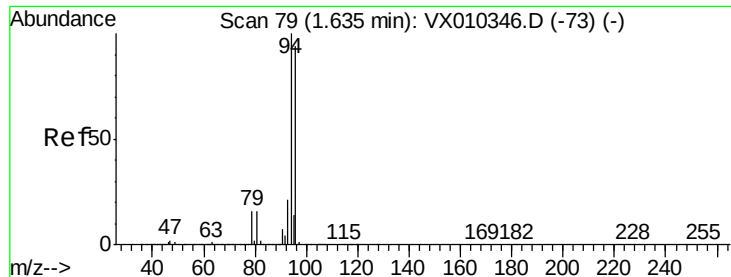
64 31.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.006 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

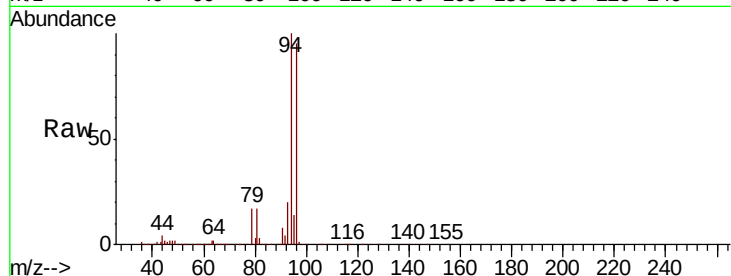
SS038RW151-190702MSD

Tot Ion: 94 Resp: 54488

Ion Ratio Lower Upper

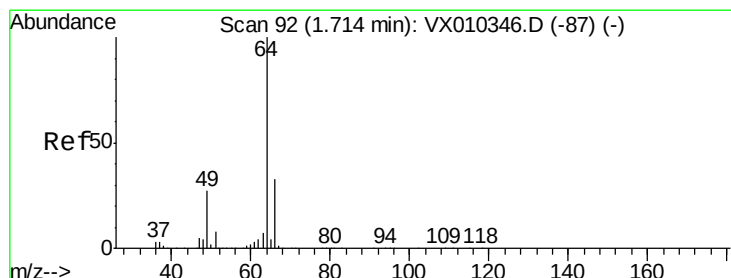
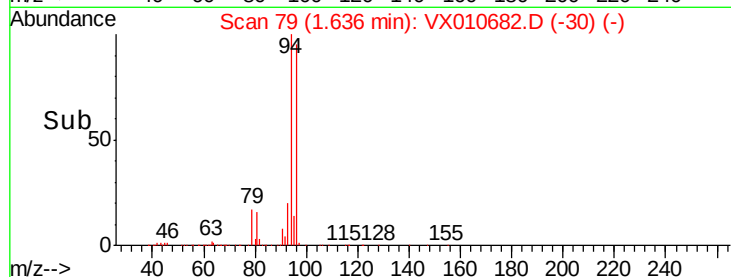
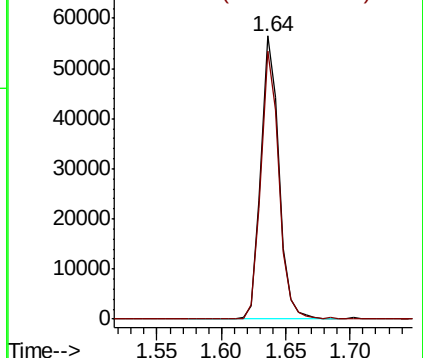
94 100

96 94.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 60.129 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010682.D

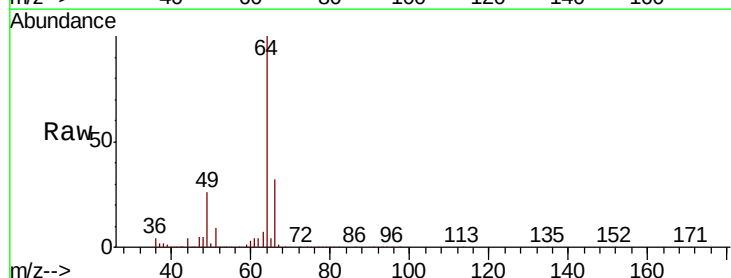
Acq: 04 Jul 2019 10:58

Tgt Ion: 64 Resp: 68401

Ion Ratio Lower Upper

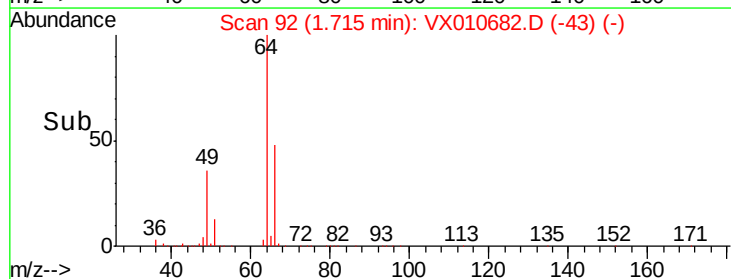
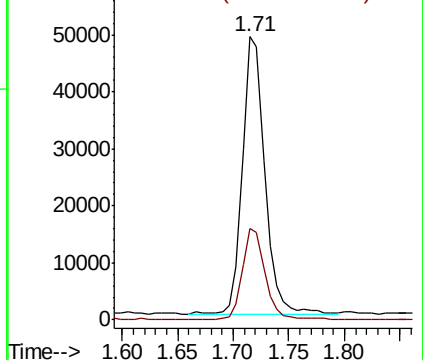
64 100

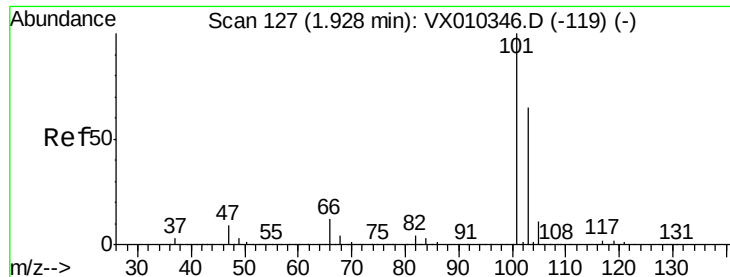
66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



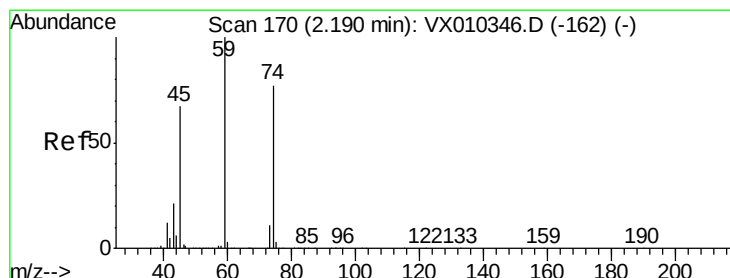
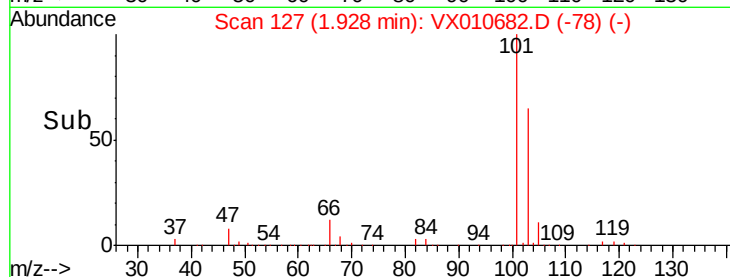
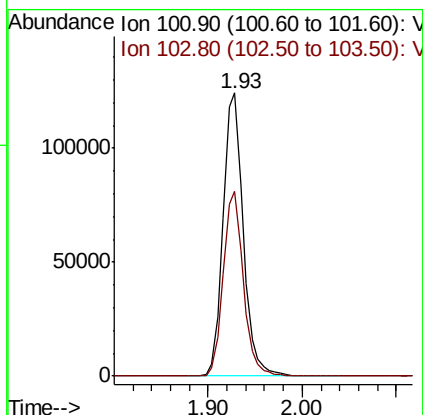
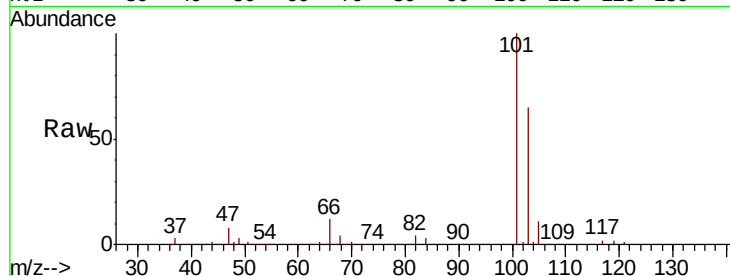


#7

Trichlorofluoromethane
Concen: 60.357 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

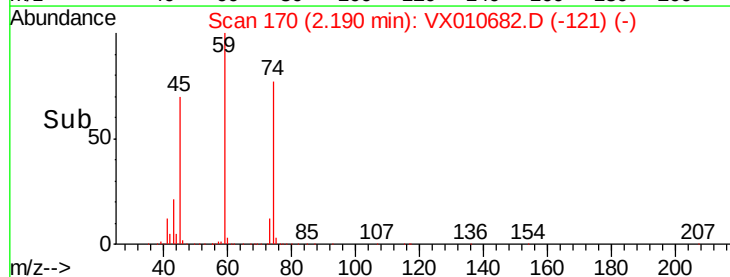
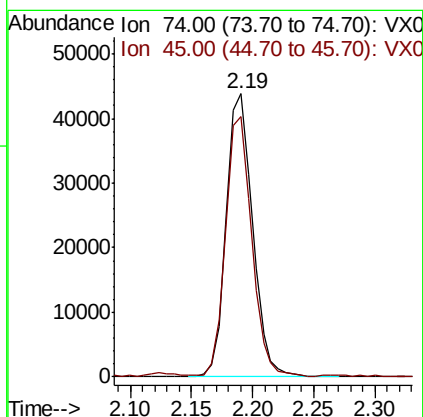
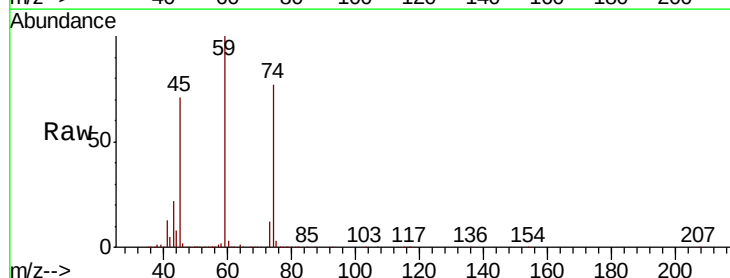
Tot Ion:101 Resp: 184485
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

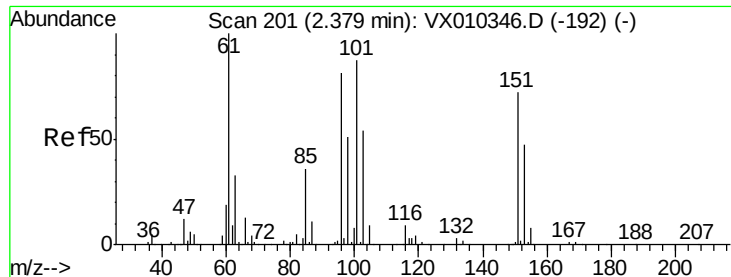


#8

Diethyl Ether
Concen: 59.921 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 74 Resp: 65681
Ion Ratio Lower Upper
74 100
45 90.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.694 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

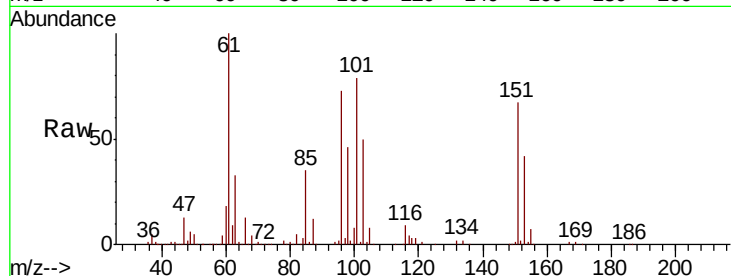
Tot Ion:101 Resp: 101309

Ion Ratio Lower Upper

101 100

85 43.8 33.7 50.5

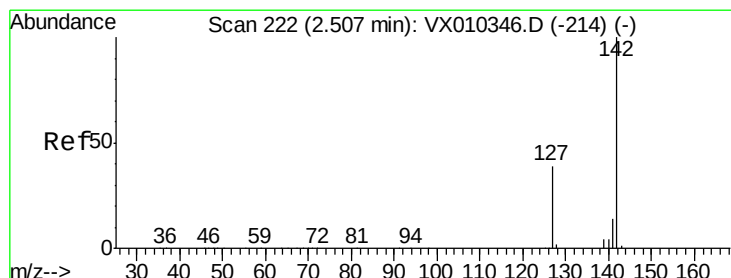
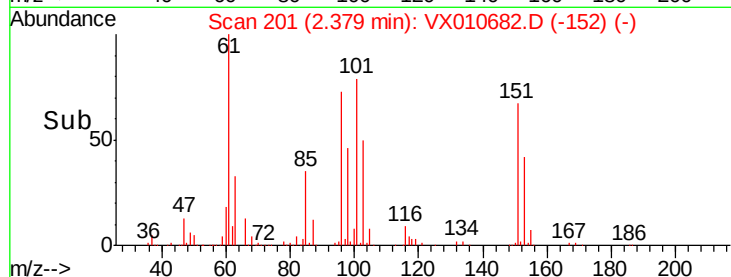
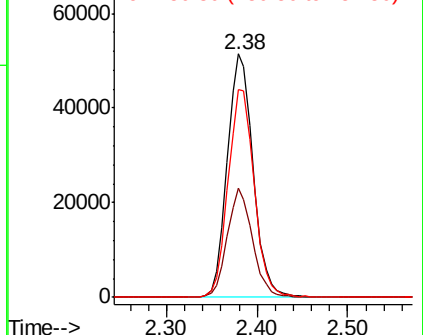
151 86.5 70.1 105.1



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: 50.375 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

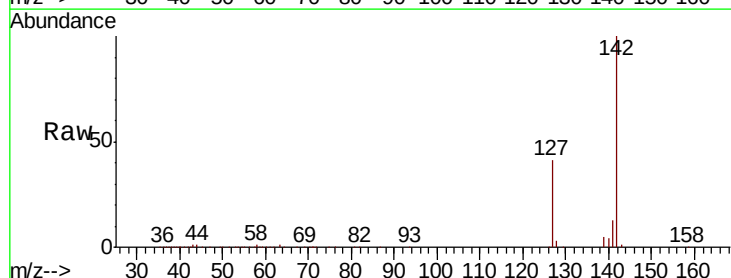
Tgt Ion:142 Resp: 133165

Ion Ratio Lower Upper

142 100

127 41.3 31.1 46.7

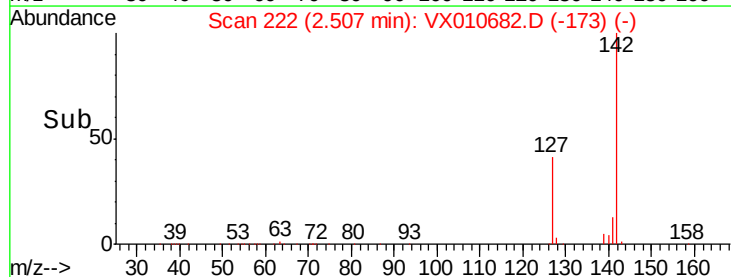
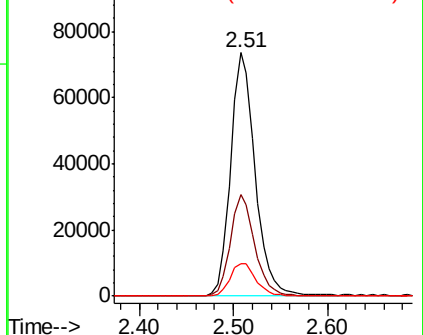
141 14.2 11.2 16.8

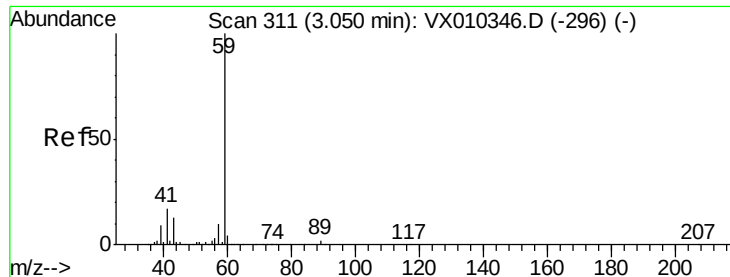


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



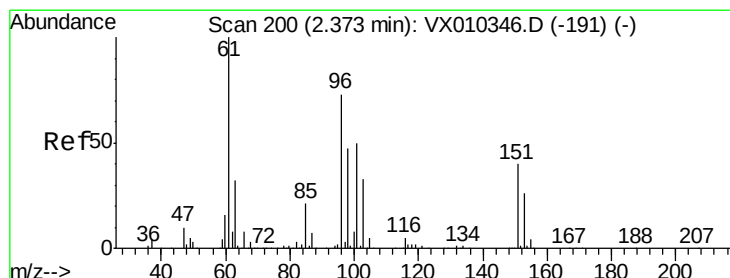
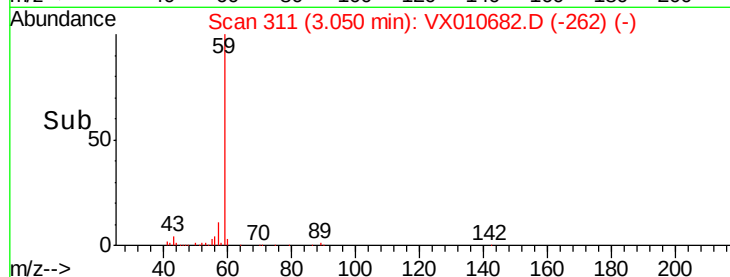
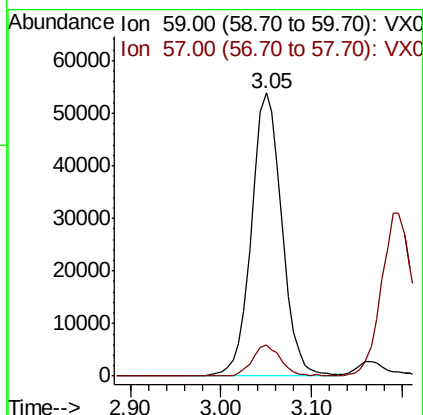
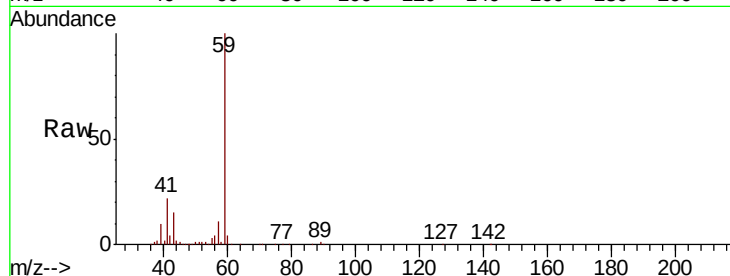


#11

Tert butyl alcohol
Concen: 234.861 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

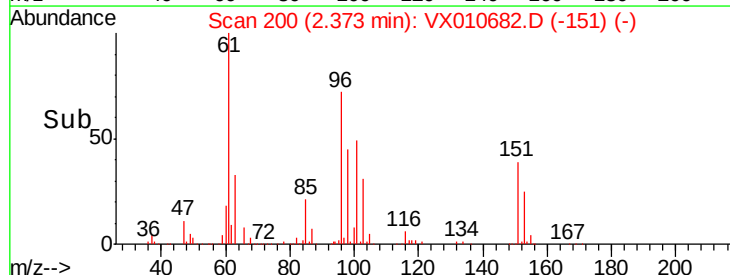
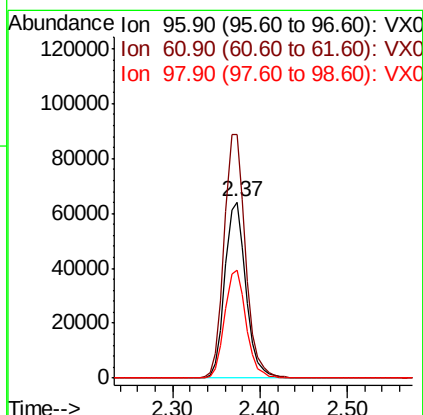
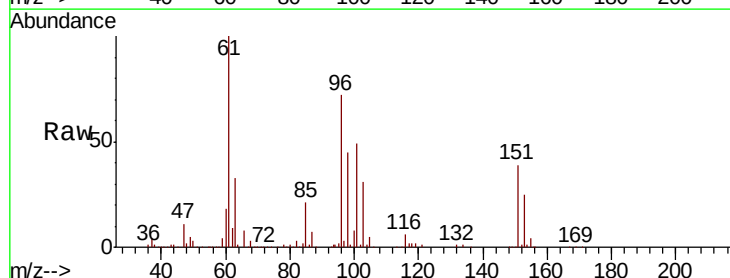
Tot Ion: 59 Resp: 125296
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5

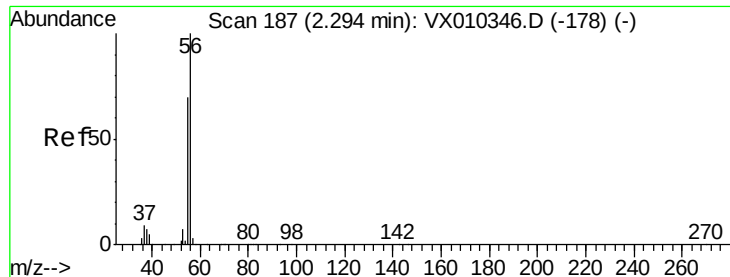


#12

1,1-Dichloroethene
Concen: 56.538 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 96 Resp: 106564
Ion Ratio Lower Upper
96 100
61 137.9 109.2 163.8
98 61.4 51.1 76.7





#13

Acrolein

Concen: 247.762 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

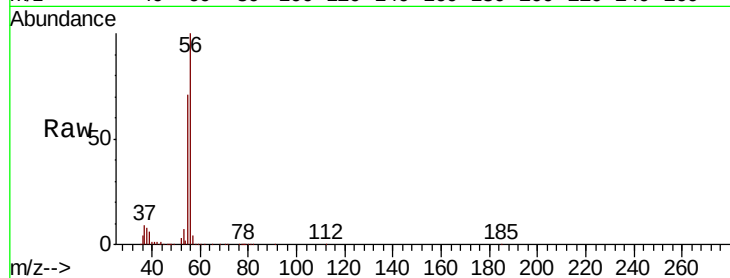
SS038RW151-190702MSD

Tot Ion: 56 Resp: 87684

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

30000

20000

10000

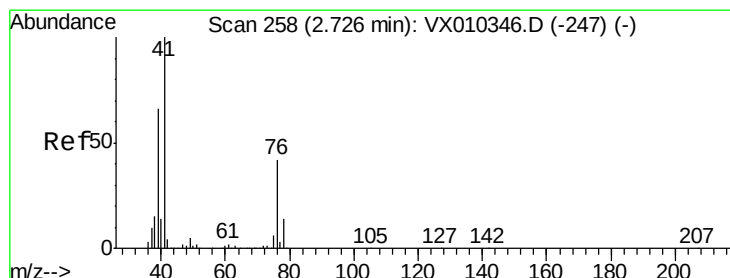
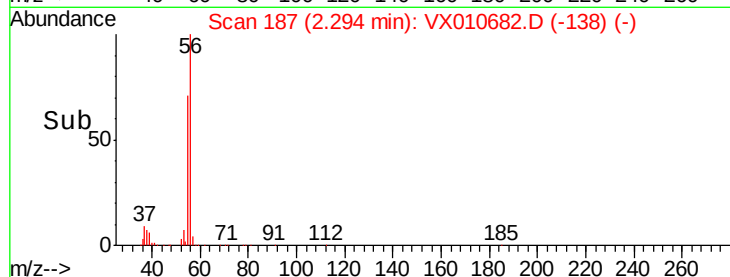
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 53.813 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

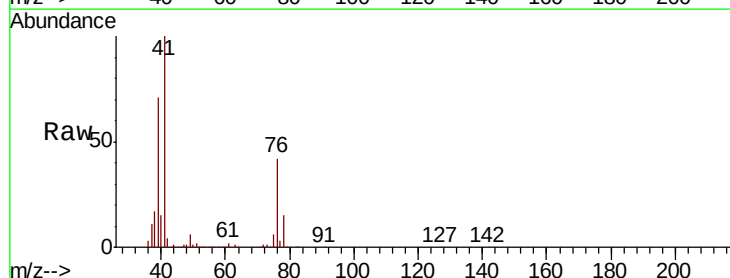
Tgt Ion: 41 Resp: 143997

Ion Ratio Lower Upper

41 100

39 64.9 50.3 75.5

76 37.4 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

40000

20000

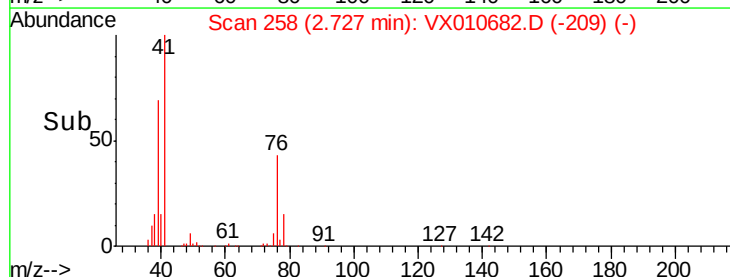
0

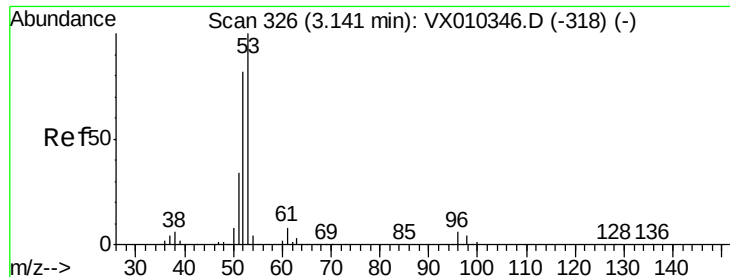
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 291.013 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

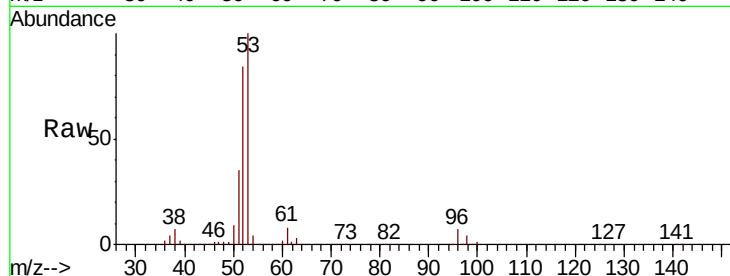
Tot Ion: 53 Resp: 307382

Ion Ratio Lower Upper

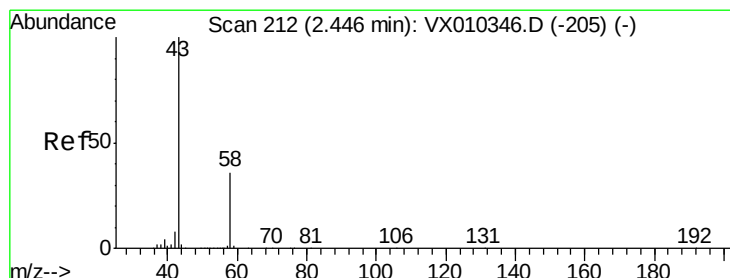
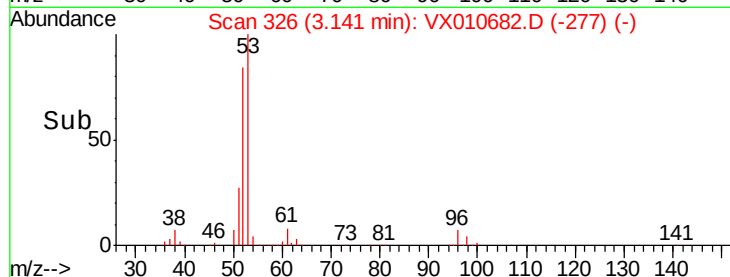
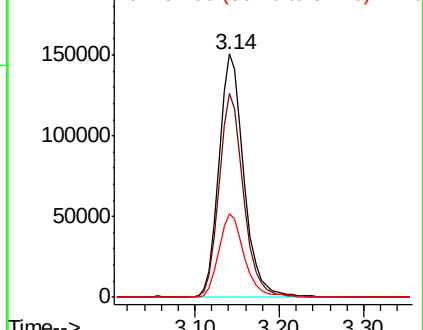
53 100

52 82.4 65.5 98.3

51 35.1 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: 251.562 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010682.D

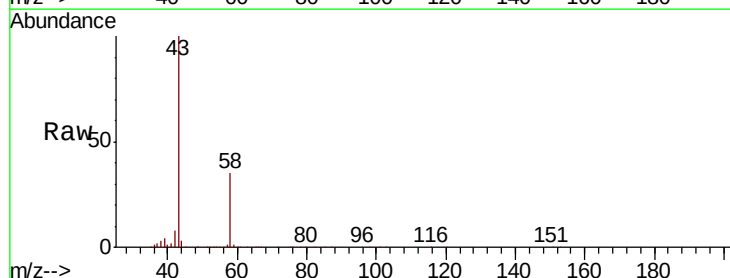
Acq: 04 Jul 2019 10:58

Tgt Ion: 43 Resp: 257043

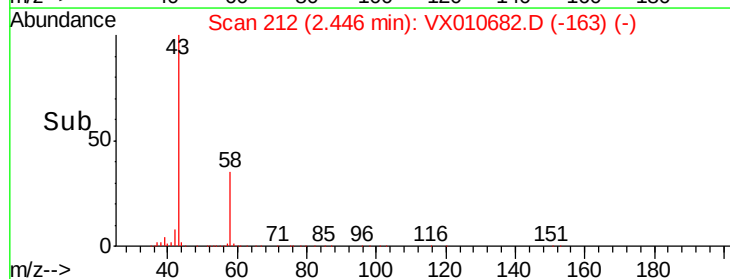
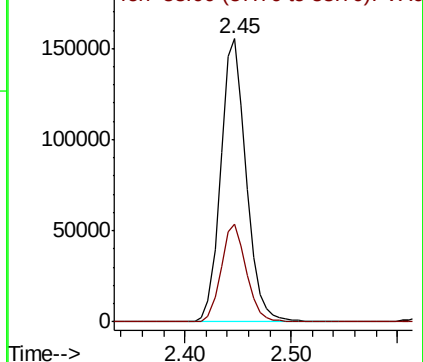
Ion Ratio Lower Upper

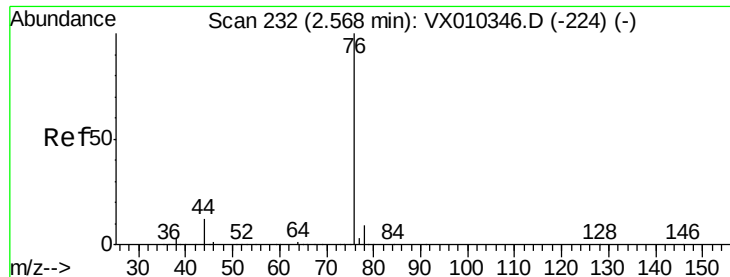
43 100

58 34.6 28.9 43.3



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

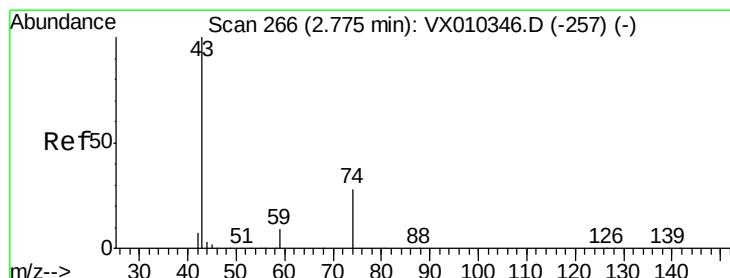
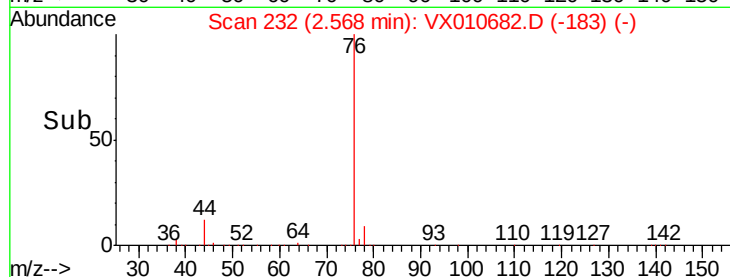
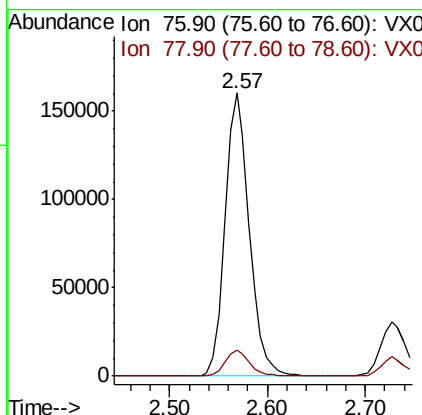
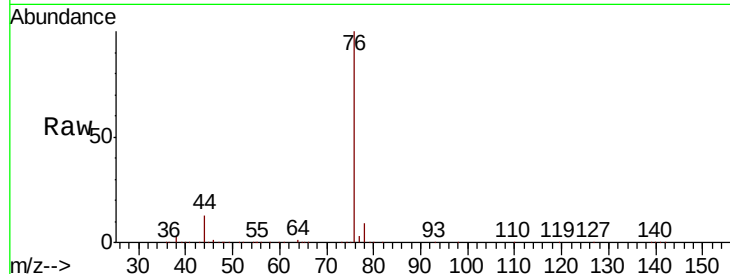




#17
Carbon Disulfide
Concen: 54.158 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

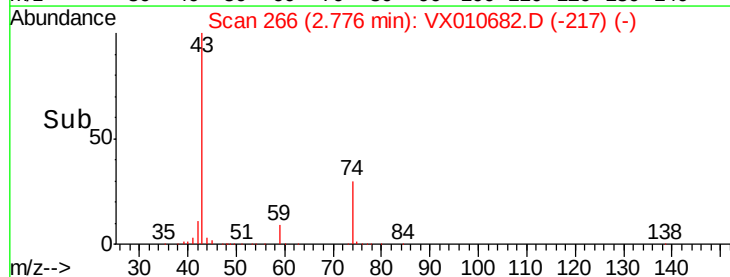
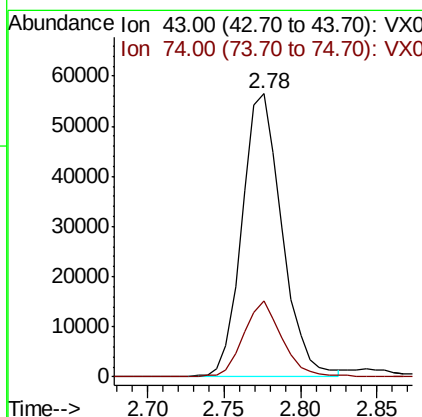
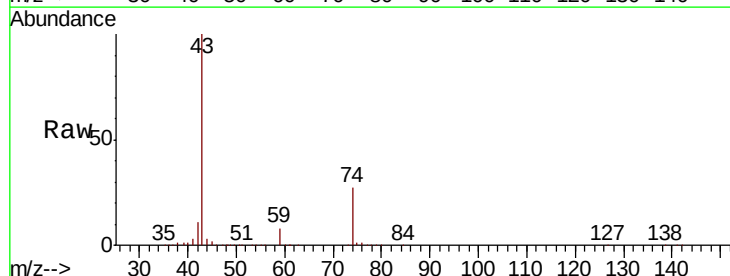
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

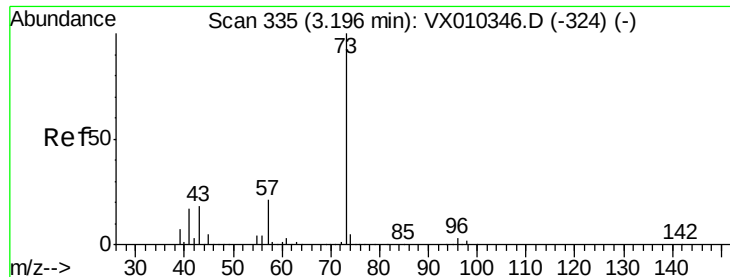
Tot Ion: 76 Resp: 273857
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 50.097 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 43 Resp: 102021
Ion Ratio Lower Upper
43 100
74 26.2 21.3 31.9

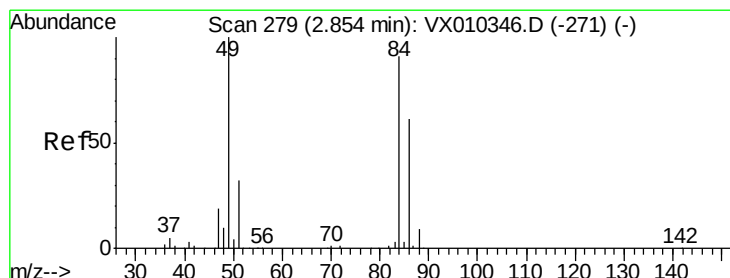
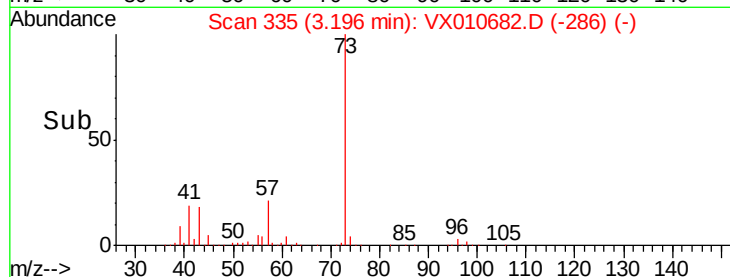
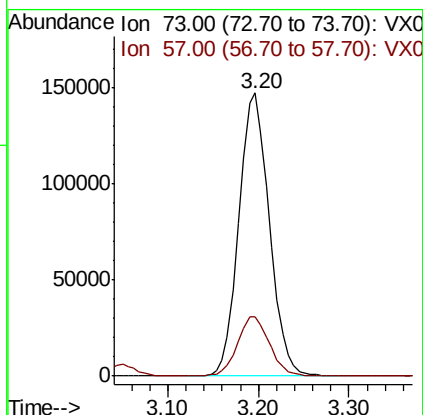
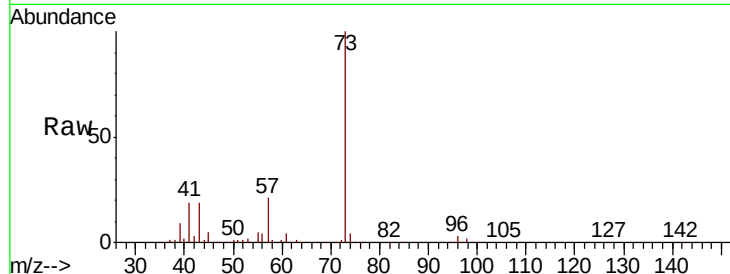




#19
Methvl tert-butvl Ether
Concen: 57.880 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

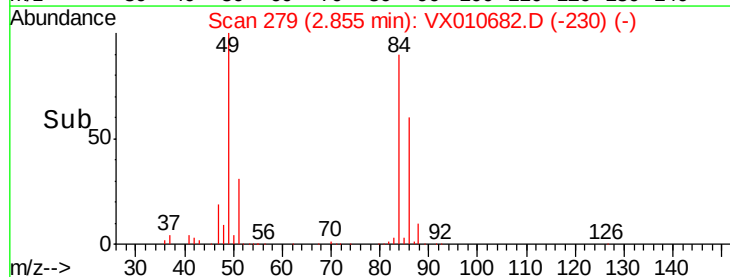
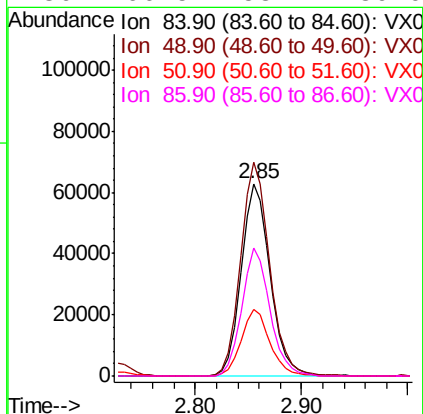
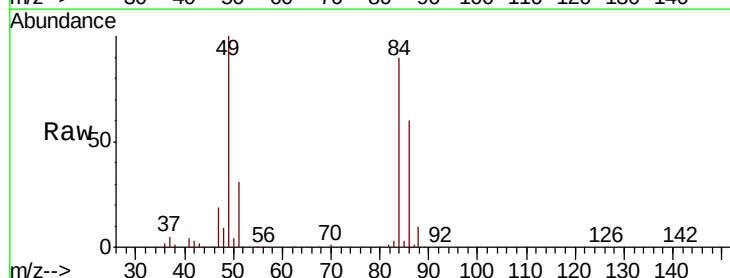
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

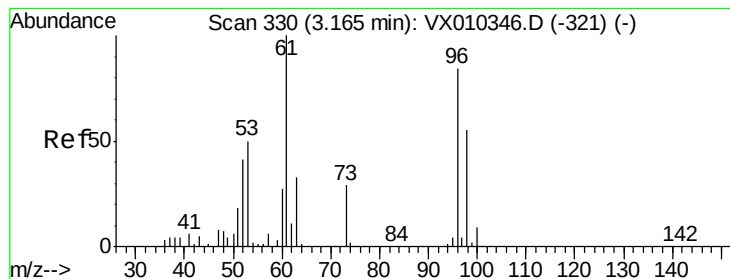
Tot Ion: 73 Resp: 343196
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6



#20
Methylene Chloride
Concen: 57.007 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 84 Resp: 119874
Ion Ratio Lower Upper
84 100
49 110.8 87.5 131.3
51 34.2 27.7 41.5
86 66.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 55.470 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

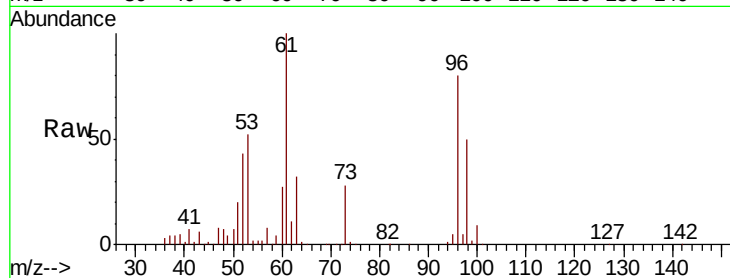
Tot Ion: 96 Resp: 112444

Ion Ratio Lower Upper

96 100

61 125.4 95.6 143.4

98 62.3 52.5 78.7

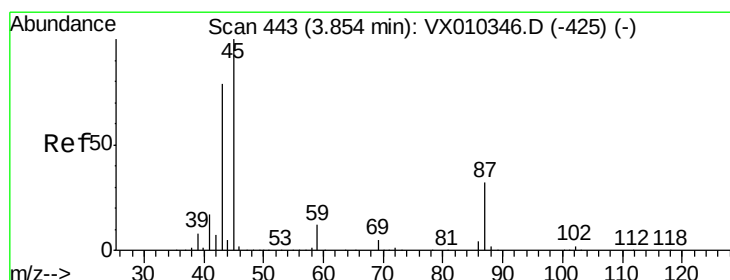
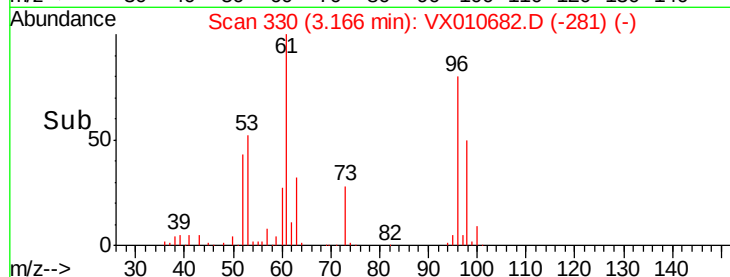
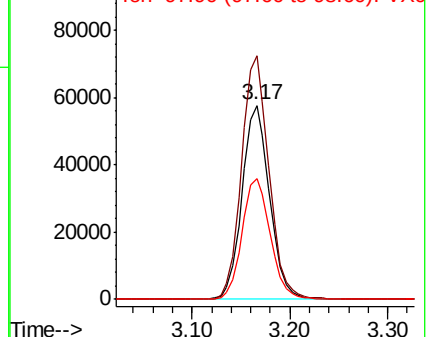


Abundance

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: 58.099 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion: 45 Resp: 325045

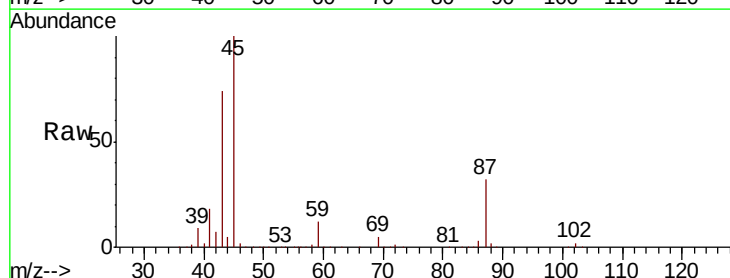
Ion Ratio Lower Upper

45 100

43 73.8 63.3 94.9

87 32.3 25.8 38.8

59 12.1 9.6 14.4



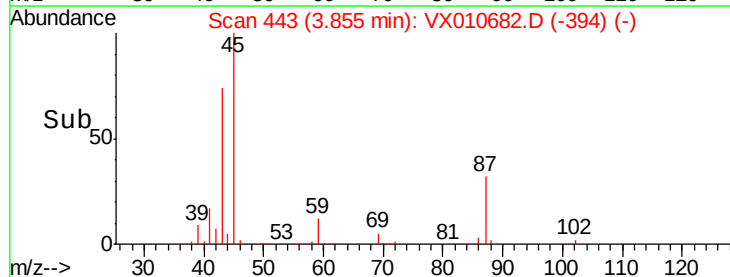
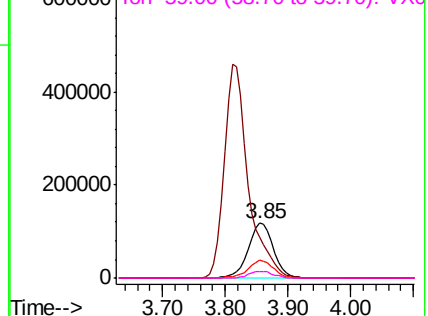
Abundance

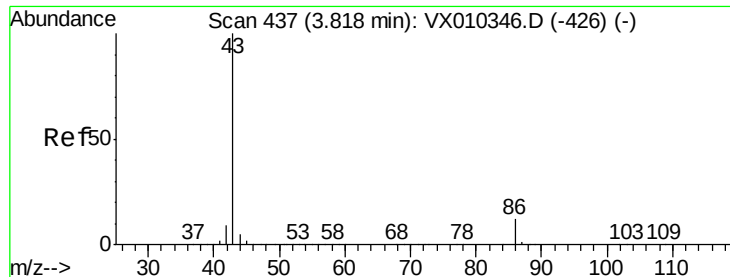
Ion 45.00 (44.70 to 45.70): VX0

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: 251.018 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

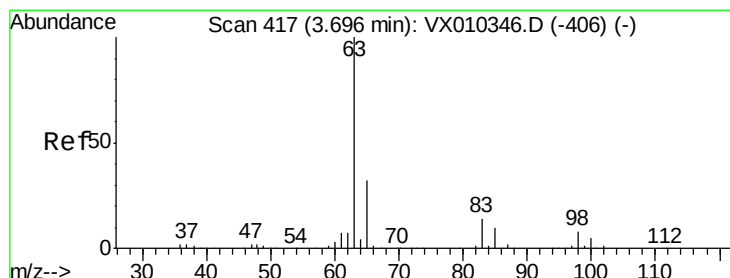
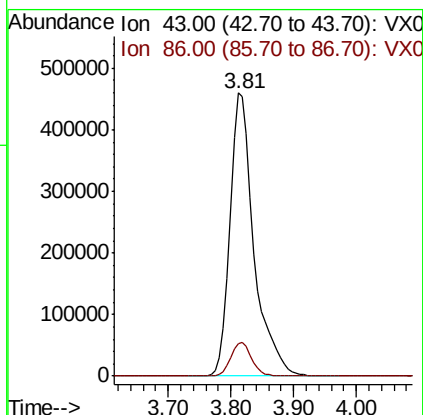
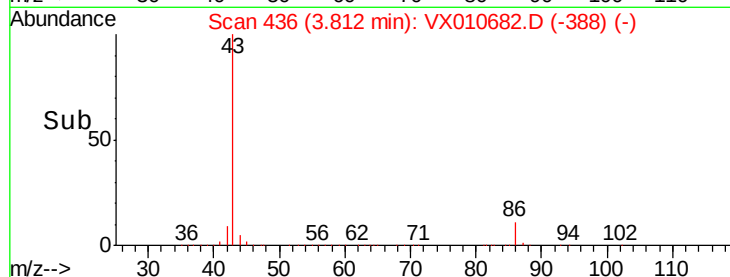
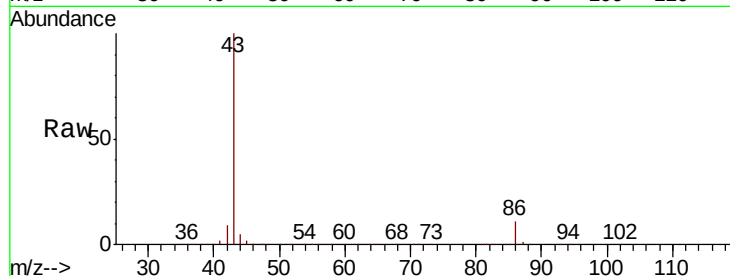
SS038RW151-190702MSD

Tot Ion: 43 Resp: 1213216

Ion Ratio Lower Upper

43 100

86 11.3 9.9 14.9



#24

1,1-Dichloroethane

Concen: 57.698 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

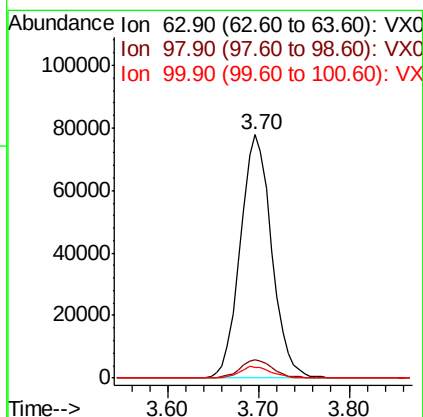
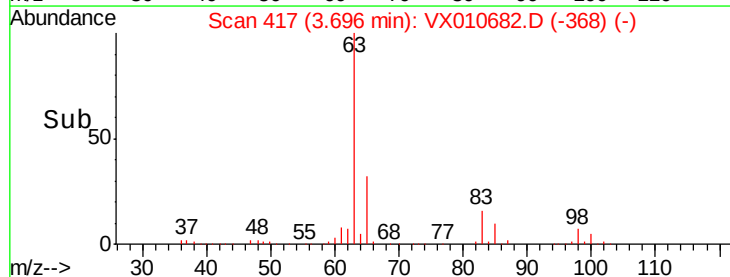
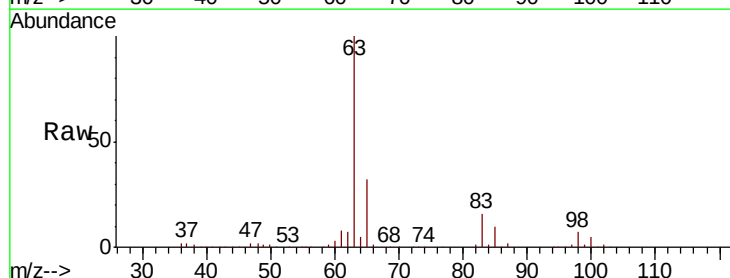
Tgt Ion: 63 Resp: 186590

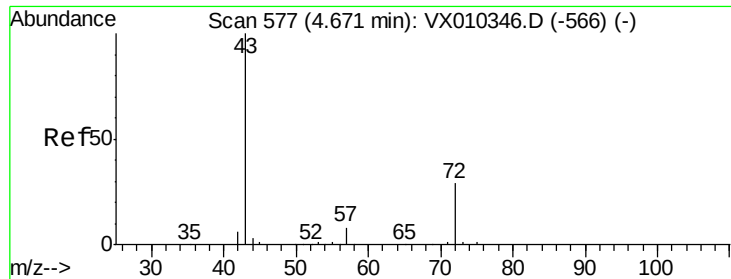
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 276.249 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

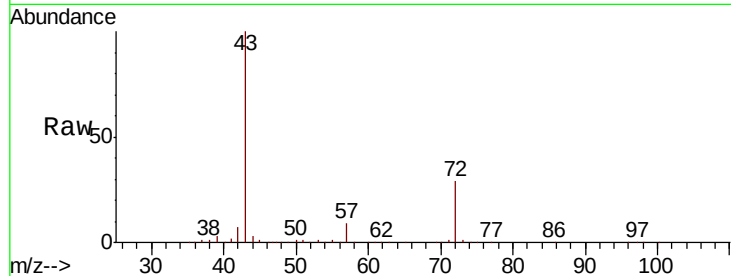
SS038RW151-190702MSD

Tot Ion: 43 Resp: 414052

Ion Ratio Lower Upper

43 100

72 29.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

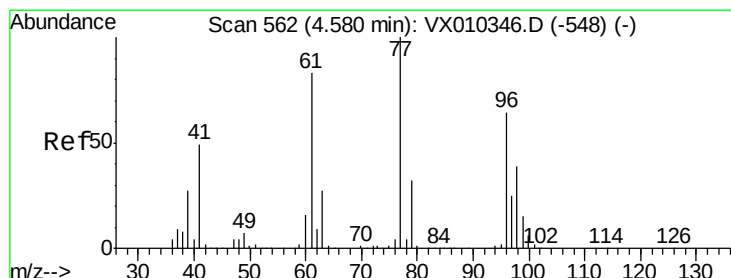
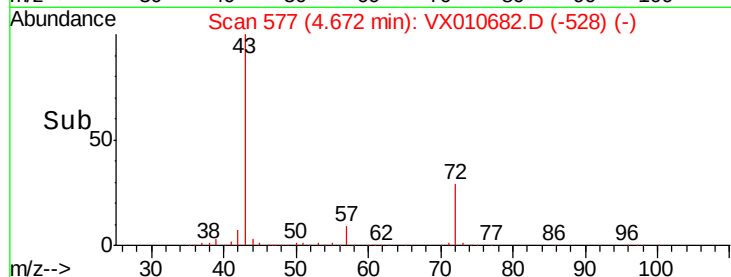
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 25.354 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010682.D

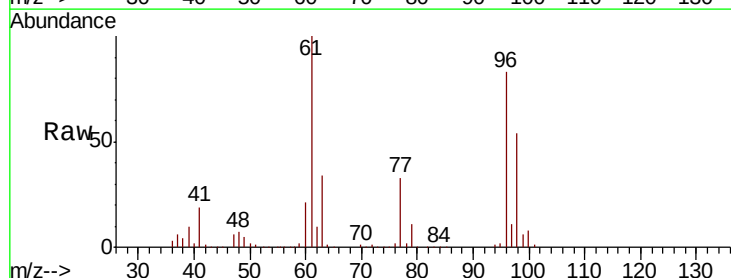
Acq: 04 Jul 2019 10:58

Tgt Ion: 77 Resp: 71228

Ion Ratio Lower Upper

77 100

97 35.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

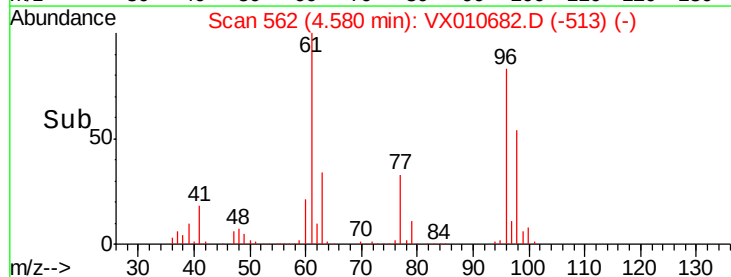
10000

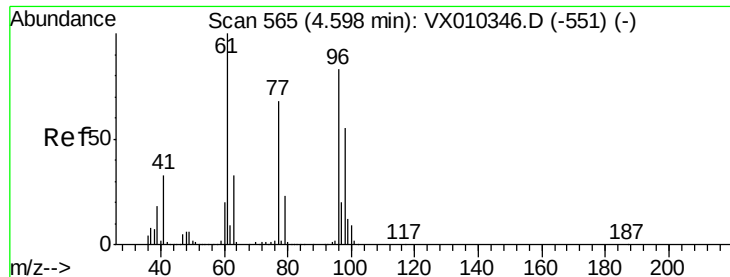
5000

0

4.50 4.60 4.70

Time-->



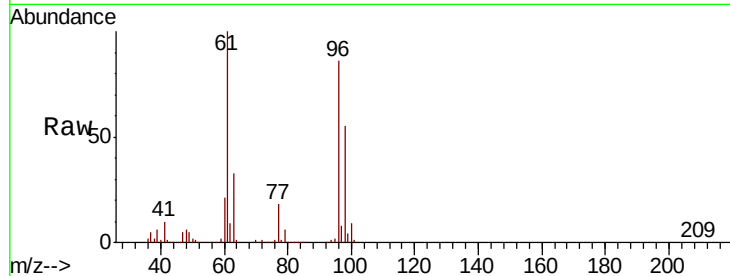


#27

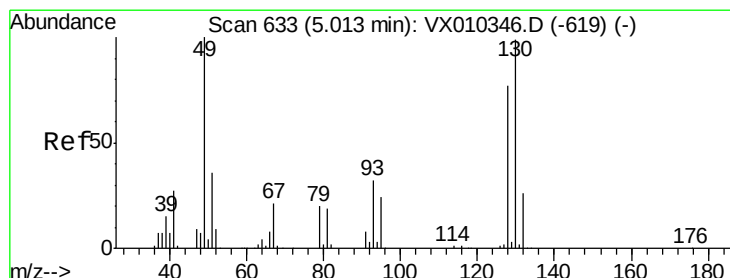
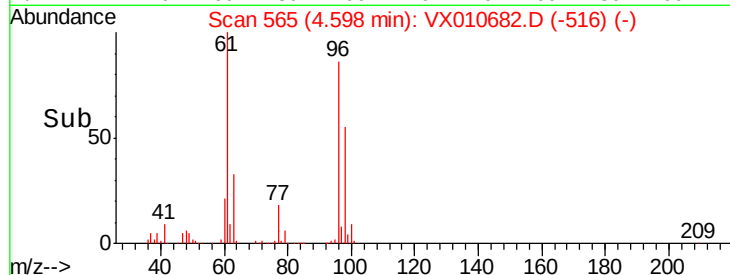
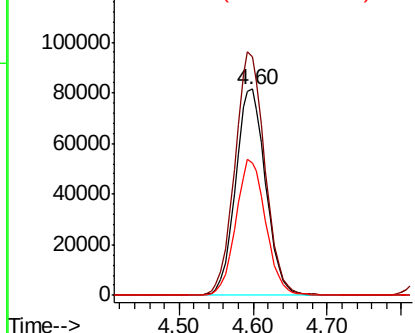
cis-1,2-Dichloroethene
 Concen: 98.703 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.7	0.0	251.8
98	65.1	0.0	129.4



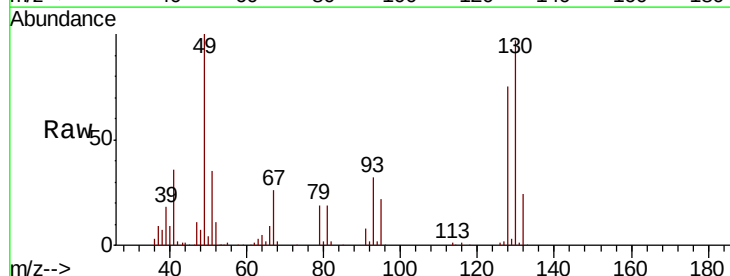
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



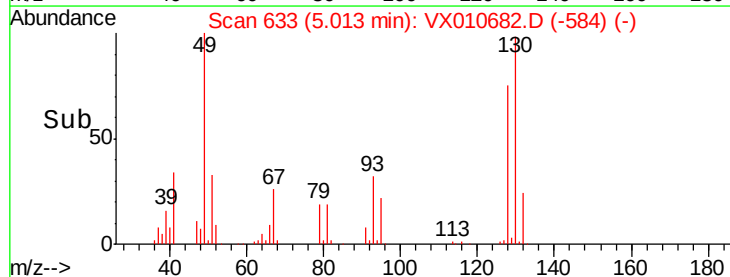
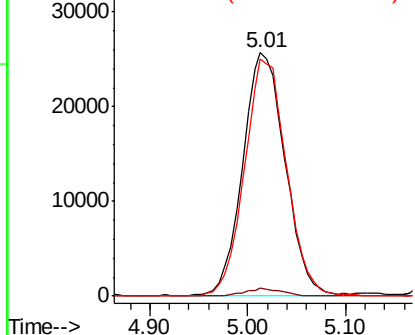
#28

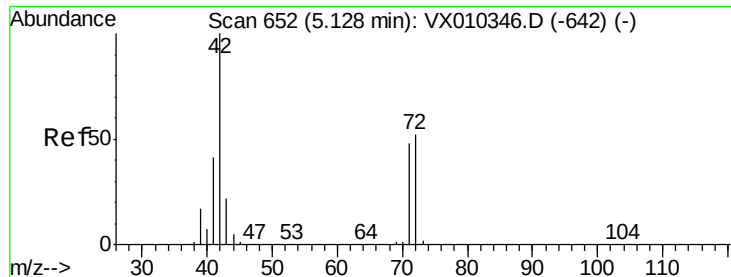
Bromochloromethane
 Concen: 49.979 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	96.6	81.4	122.0



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

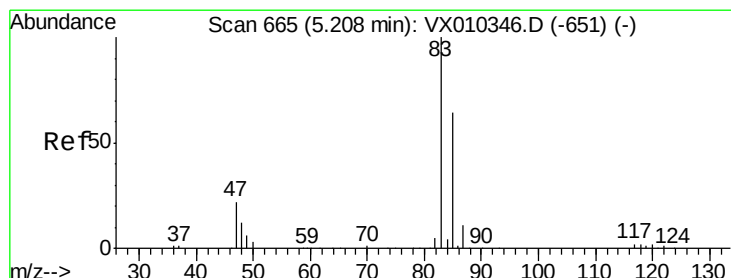
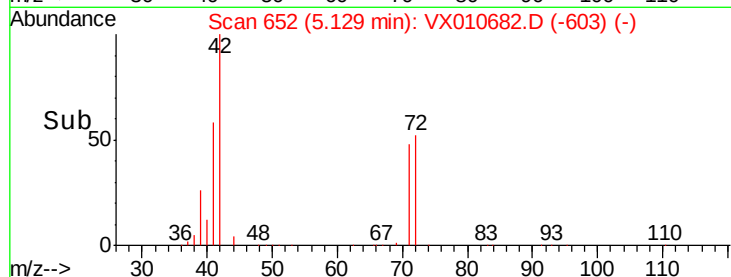
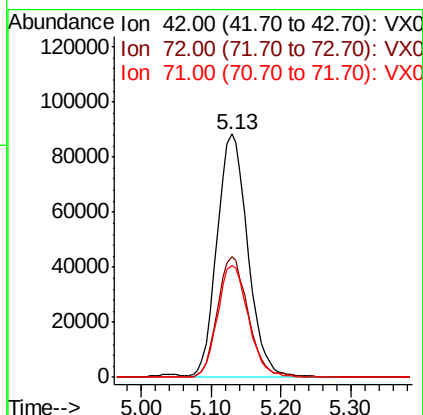
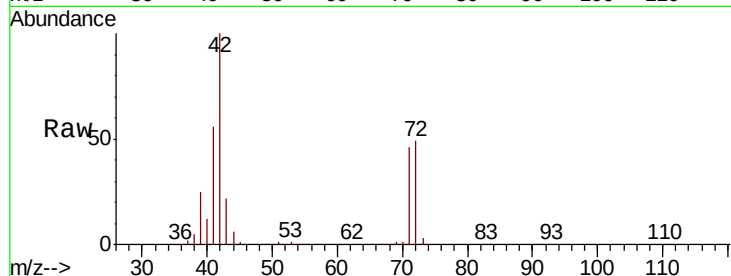




#29
Tetrahydrofuran
Concen: 289.237 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

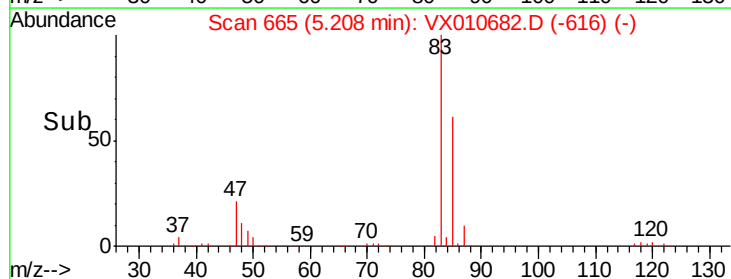
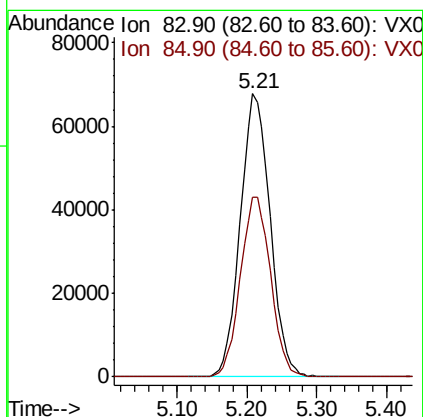
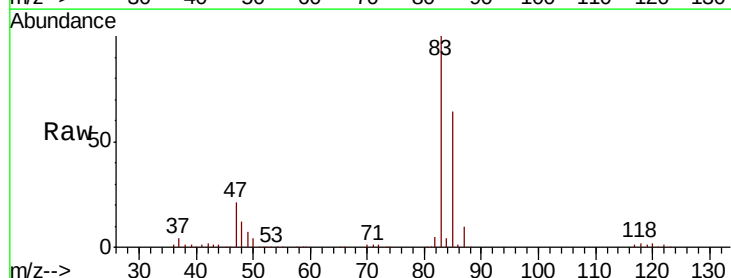
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

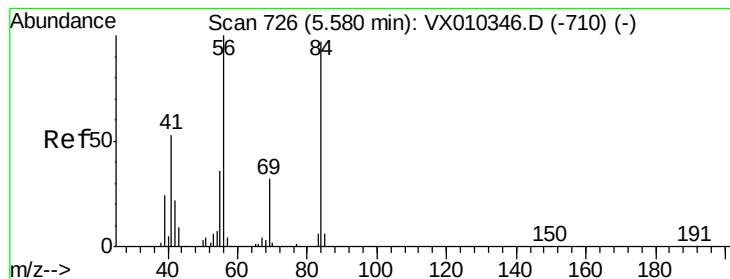
Tot Ion: 42 Resp: 268525
Ion Ratio Lower Upper
42 100
72 50.1 40.6 60.8
71 46.3 37.8 56.8



#30
Chloroform
Concen: 57.689 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 83 Resp: 200731
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3





#31

Cyclohexane

Concen: 56.775 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

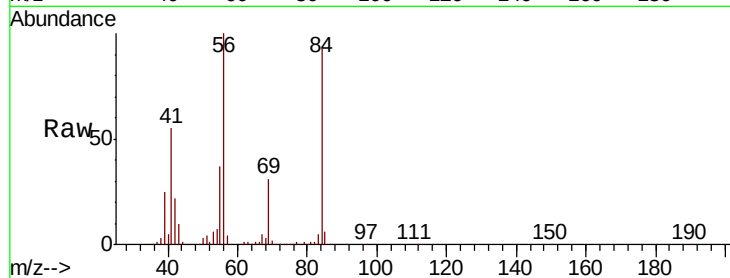
Tot Ion: 56 Resp: 167199

Ion Ratio Lower Upper

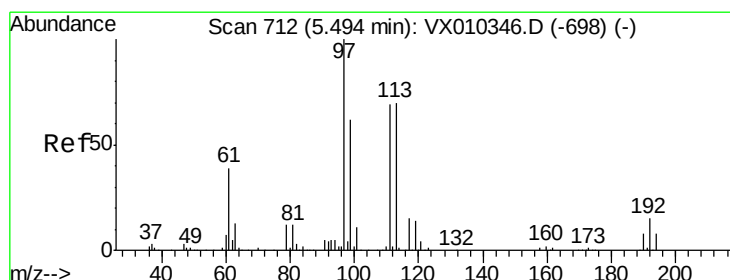
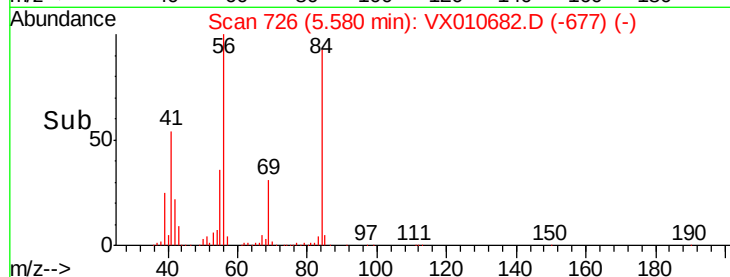
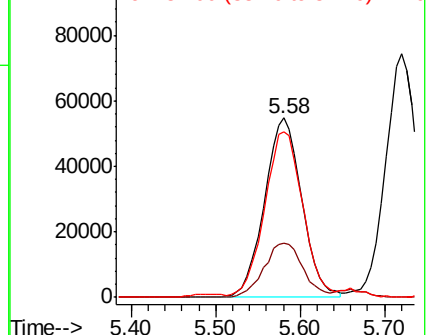
56 100

69 30.5 25.9 38.9

84 91.8 78.0 117.0



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: 56.610 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

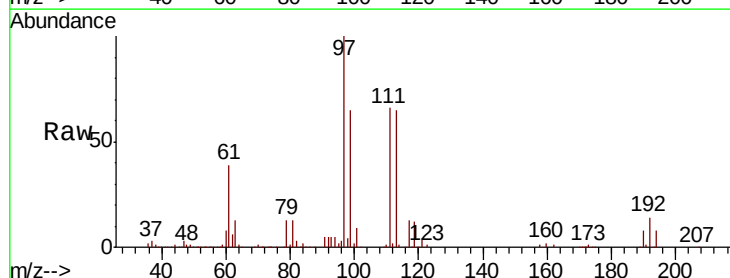
Tgt Ion: 97 Resp: 173929

Ion Ratio Lower Upper

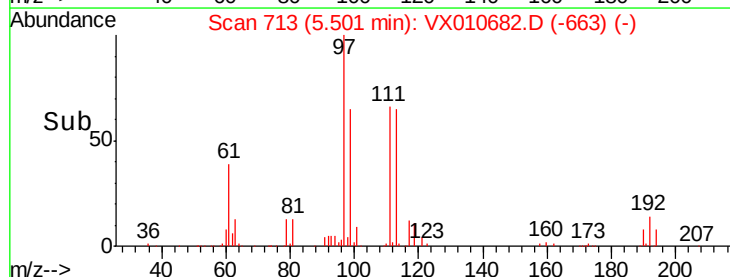
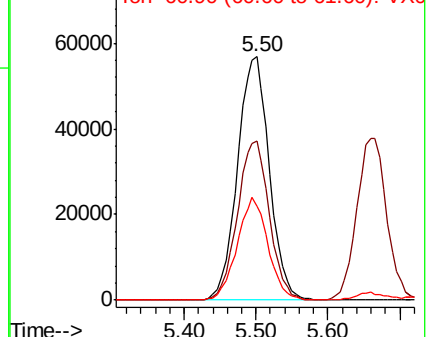
97 100

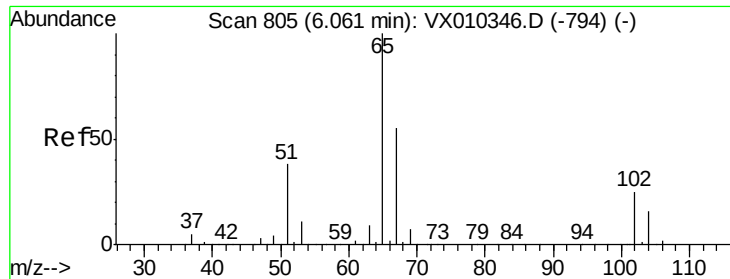
99 65.6 51.8 77.8

61 41.0 32.1 48.1



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

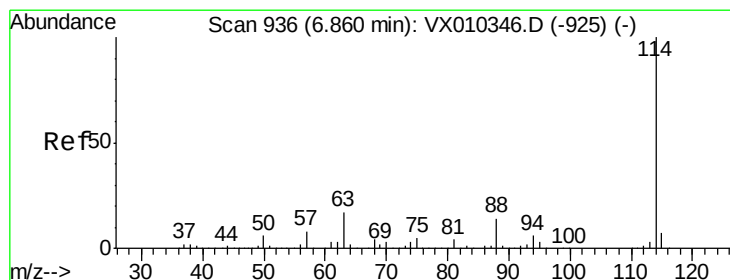
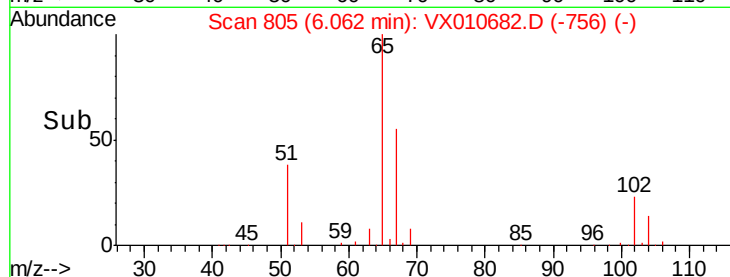
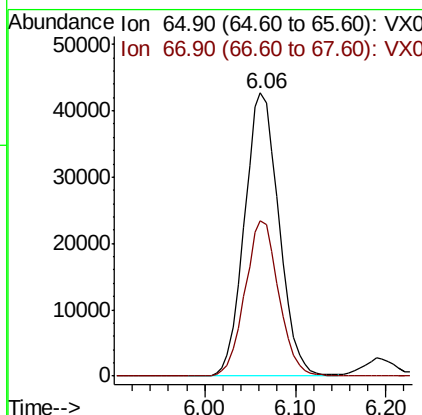
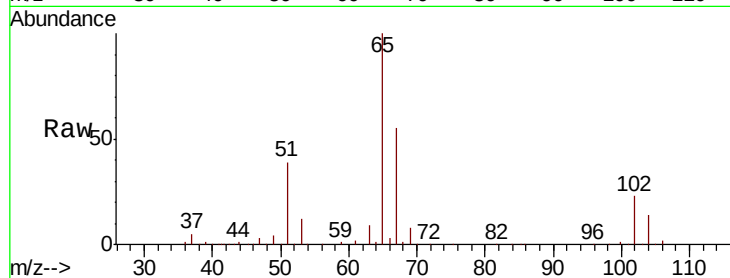




#33
 1,2-Dichloroethane-d4
 Concen: 55.121 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

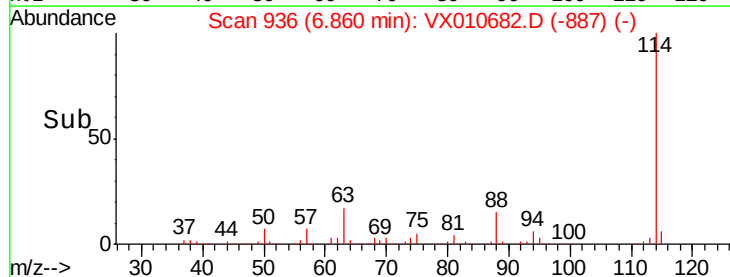
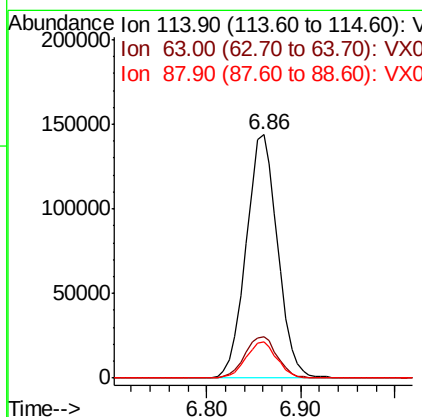
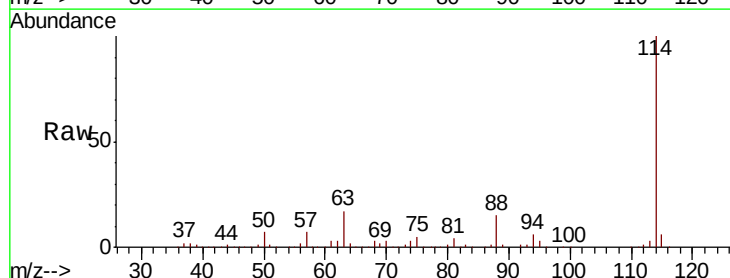
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

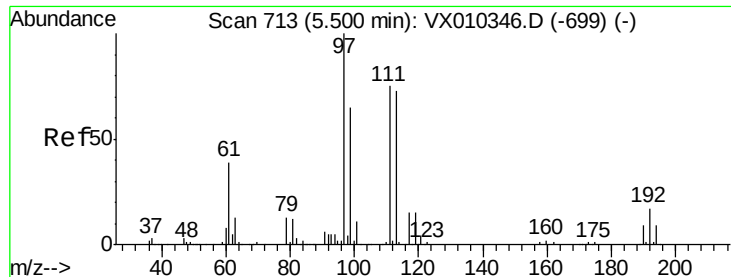
Tot Ion: 65 Resp: 112382
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 114 Resp: 338494
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 14.9 0.0 27.6





#35

Dibromofluoromethane

Concen: 51.217 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

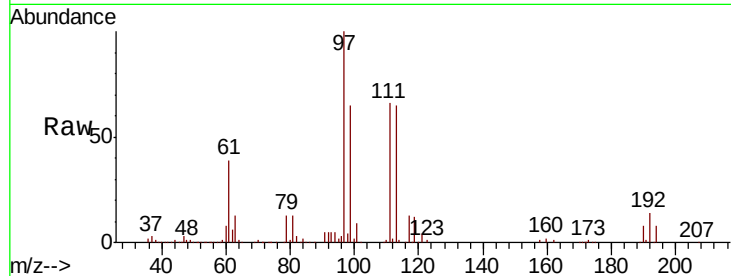
Tot Ion:113 Resp: 106072

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

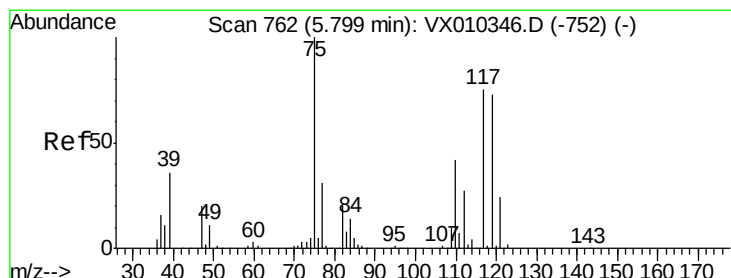
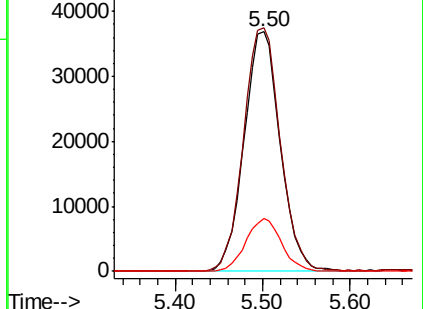
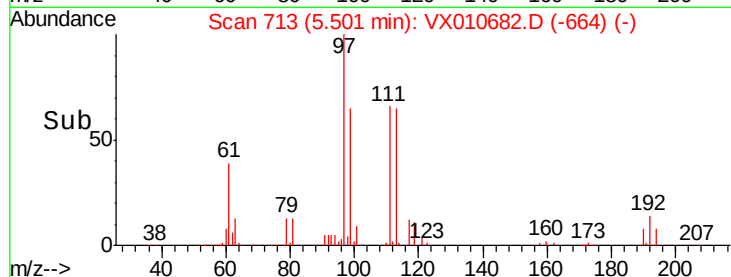
192 21.8 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.351 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

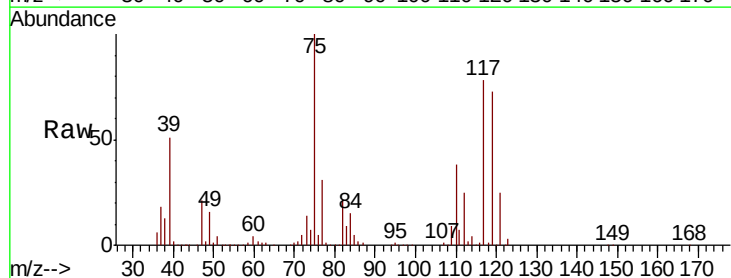
Tgt Ion: 75 Resp: 143508

Ion Ratio Lower Upper

75 100

110 40.3 20.8 62.2

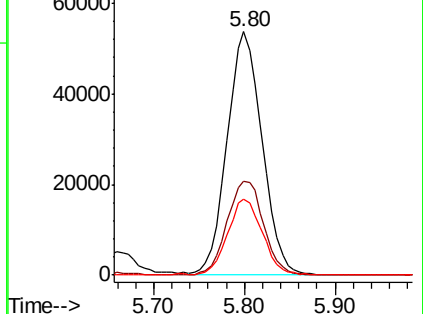
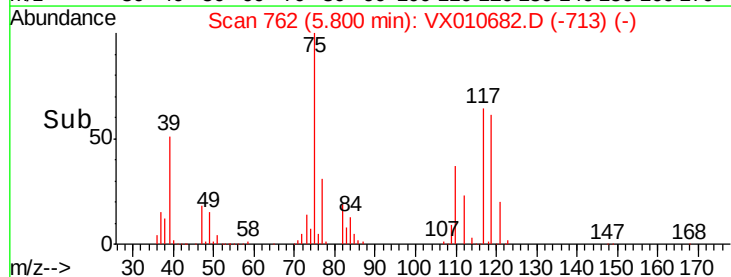
77 30.9 25.4 38.0

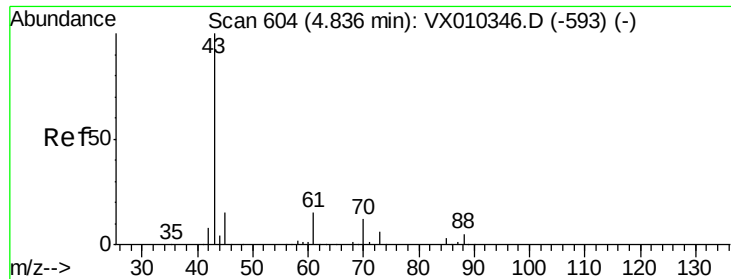


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

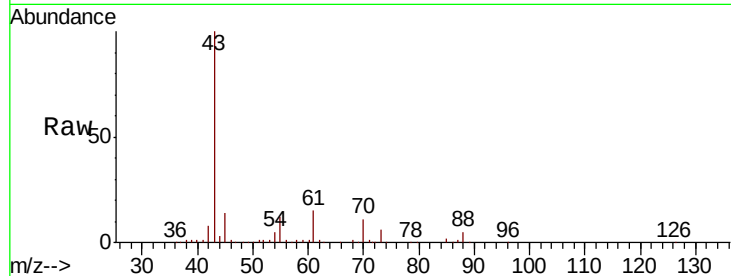




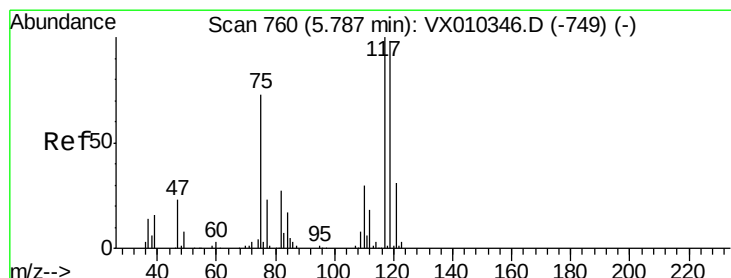
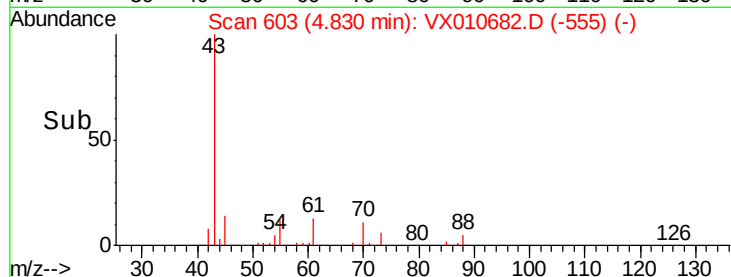
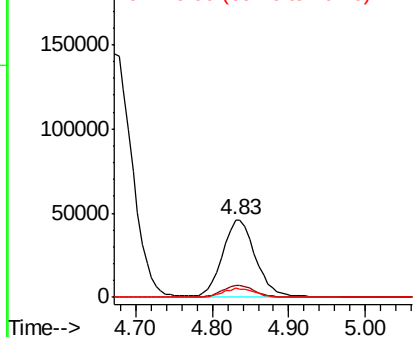
#37
Ethyl Acetate
Concen: 49.255 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion: 43 Resp: 136298
Ion Ratio Lower Upper
43 100
61 15.1 12.4 18.6
70 11.4 9.8 14.8

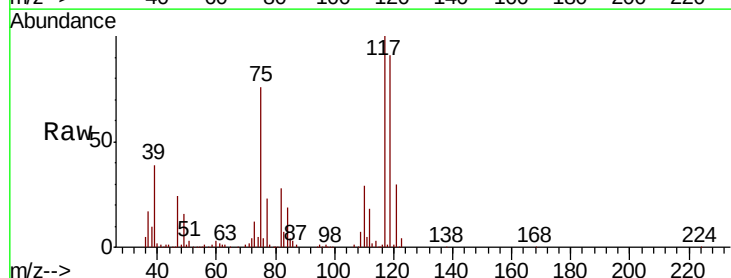


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

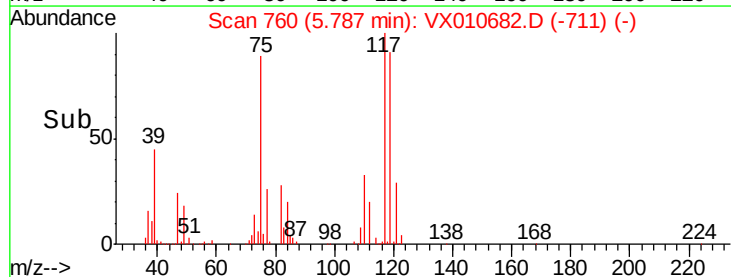
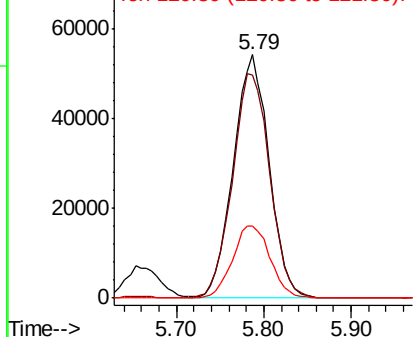


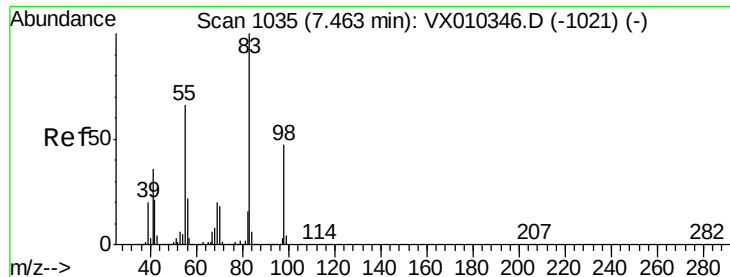
#38
Carbon Tetrachloride
Concen: 53.039 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 117 Resp: 154490
Ion Ratio Lower Upper
117 100
119 91.4 78.2 117.4
121 29.5 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

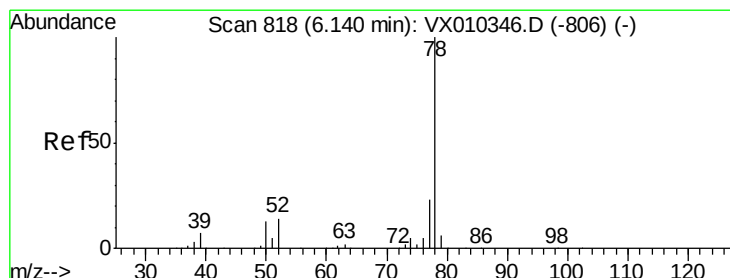
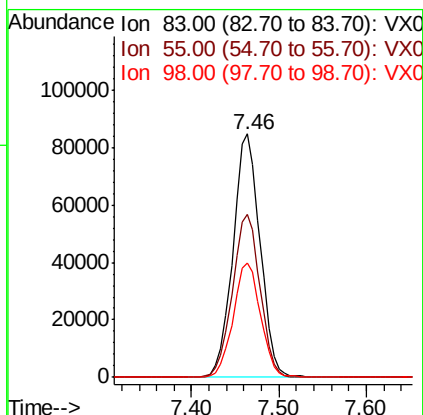
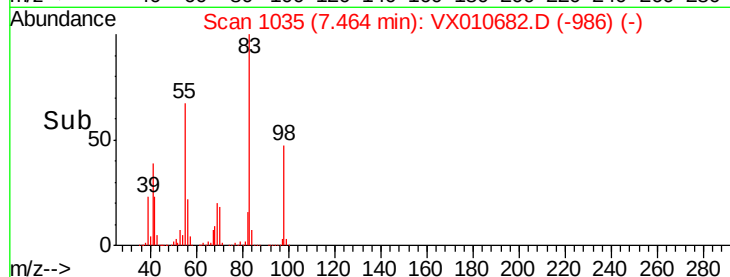
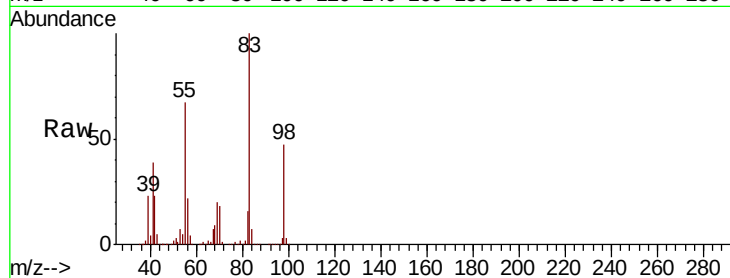




#39
Methylvlcyclohexane
Concen: 51.544 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

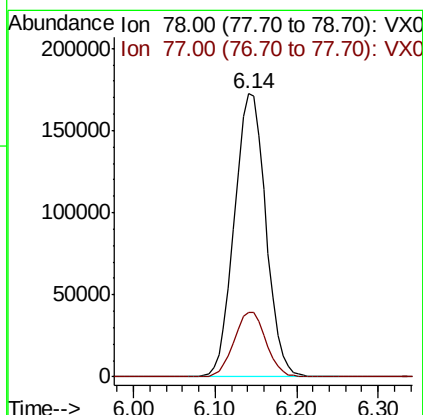
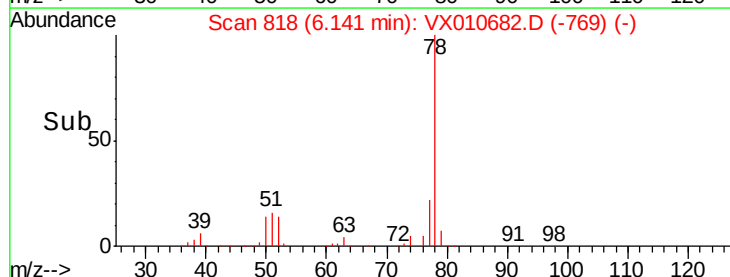
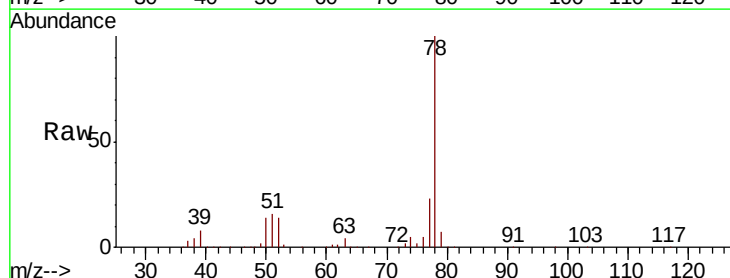
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

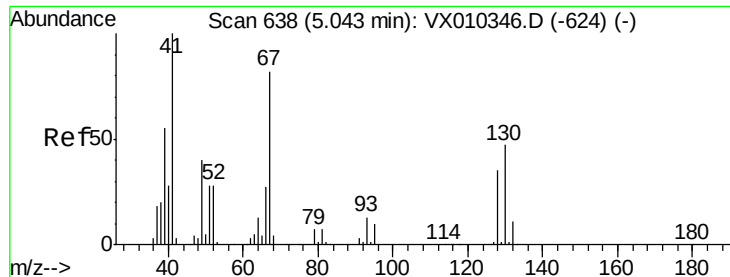
Tot Ion: 83 Resp: 182246
Ion Ratio Lower Upper
83 100
55 66.8 53.0 79.6
98 46.9 37.8 56.8



#40
Benzene
Concen: 54.954 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 78 Resp: 460527
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0

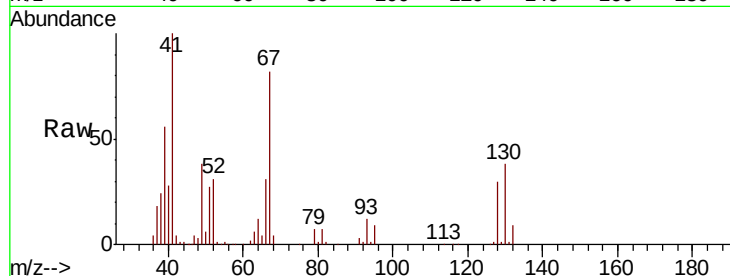




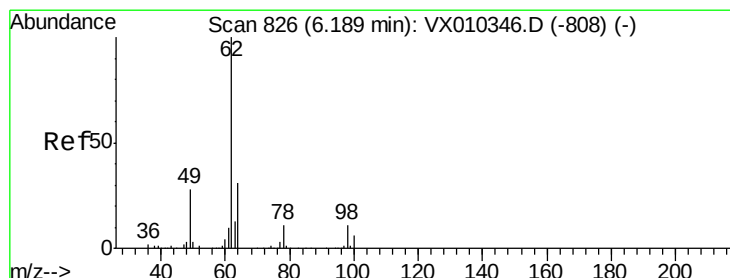
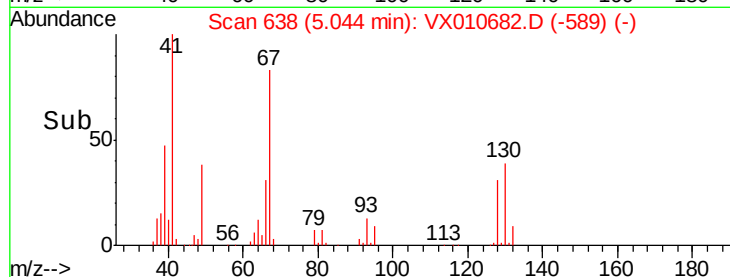
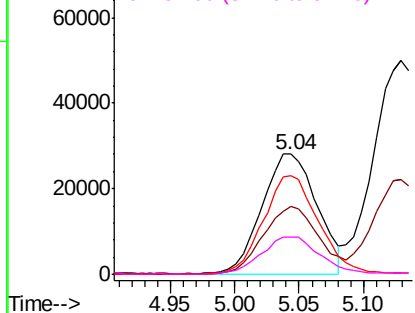
#41
Methacrylonitrile
Concen: 54.944 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion:	41	Resp:	83423
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.8	65.8
67	82.9	66.6	100.0
52	32.4	24.5	36.7

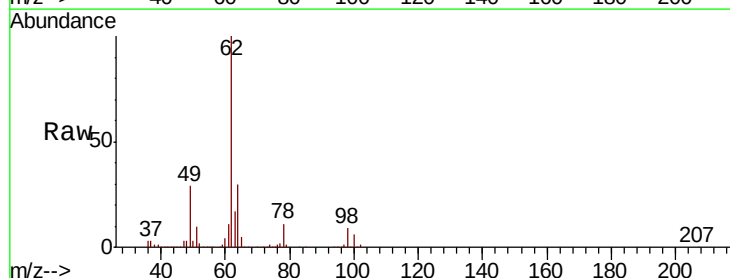


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

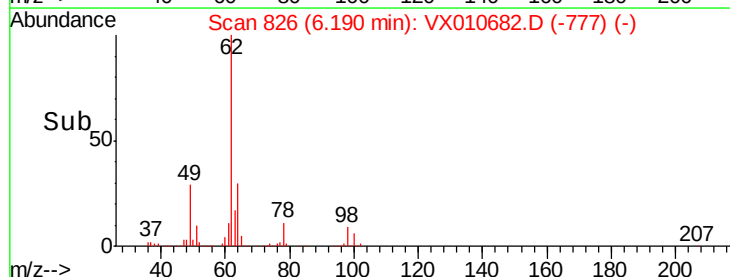
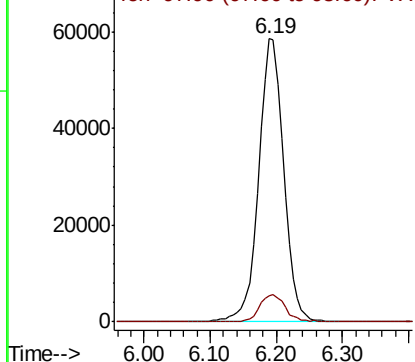


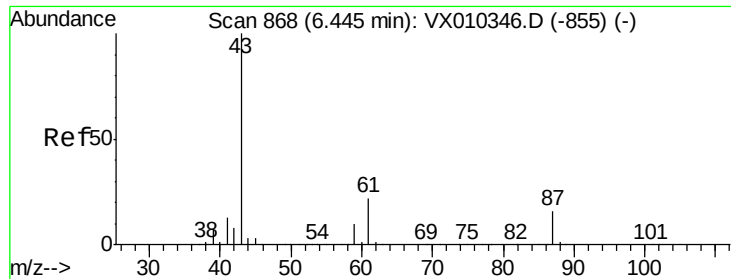
#42
1,2-Dichloroethane
Concen: 60.290 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion:	62	Resp:	153797
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	22.2



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





#43

Isopropyl Acetate

Concen: 51.302 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

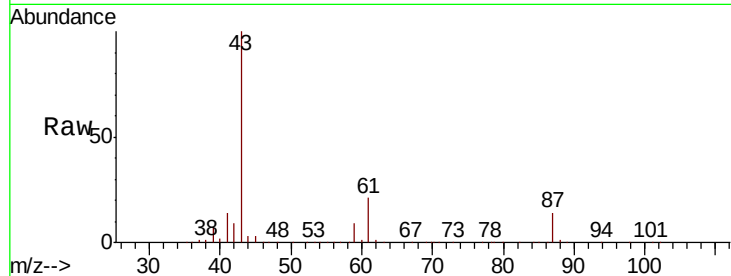
Tot Ion: 43 Resp: 234877

Ion Ratio Lower Upper

43 100

61 21.2 17.8 26.6

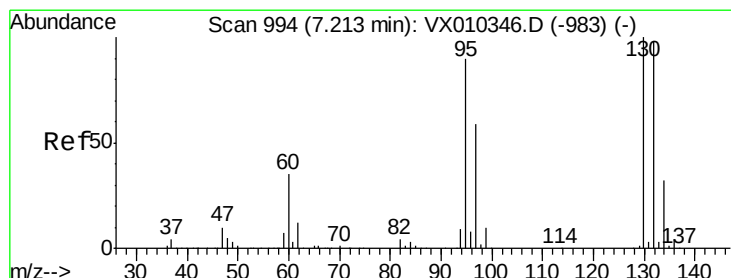
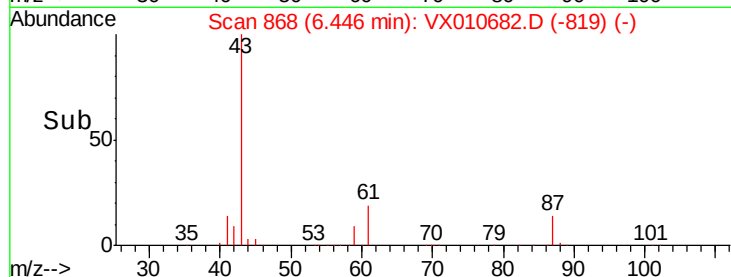
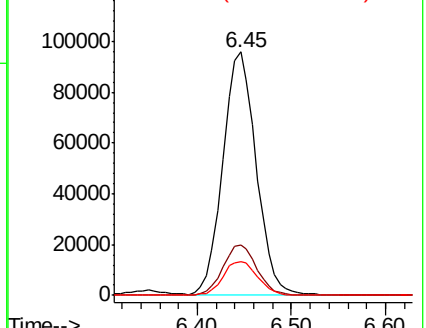
87 14.7 13.0 19.4



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: 52.843 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010682.D

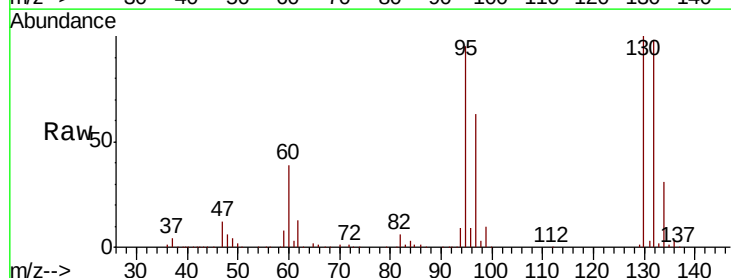
Acq: 04 Jul 2019 10:58

Tgt Ion:130 Resp: 132507

Ion Ratio Lower Upper

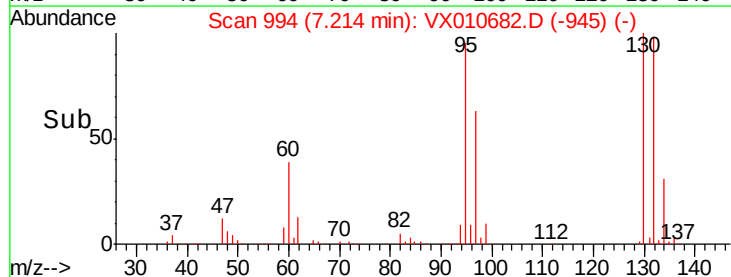
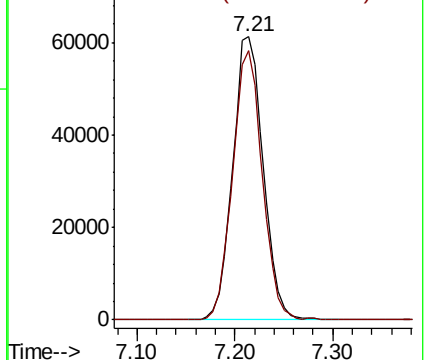
130 100

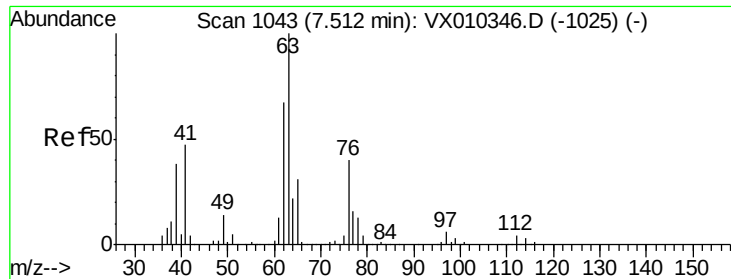
95 95.0 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

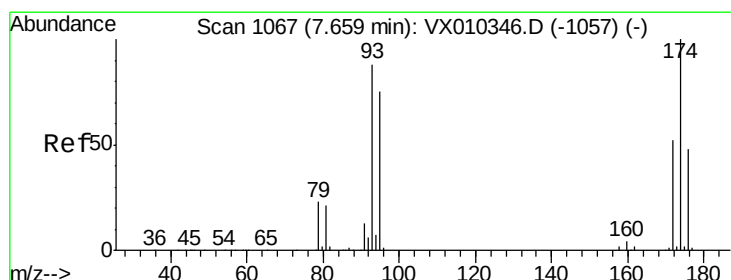
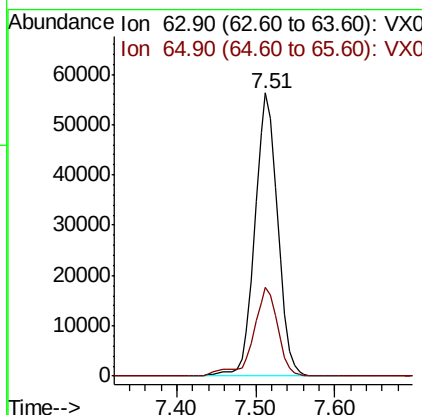
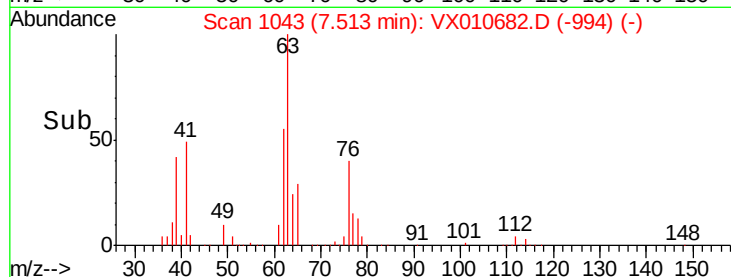
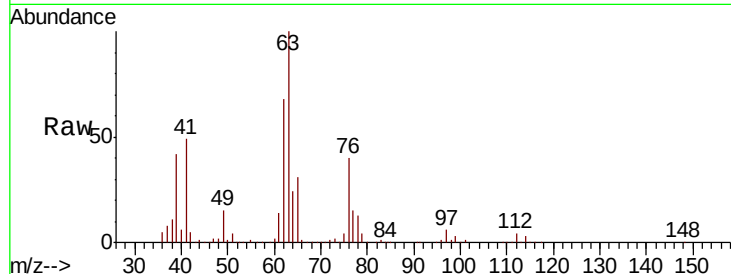




#45
 1,2-Dichloropropane
 Concen: 53.467 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

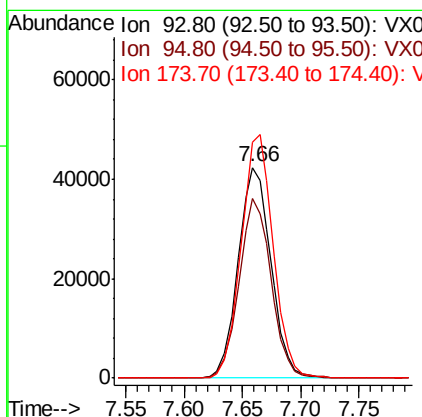
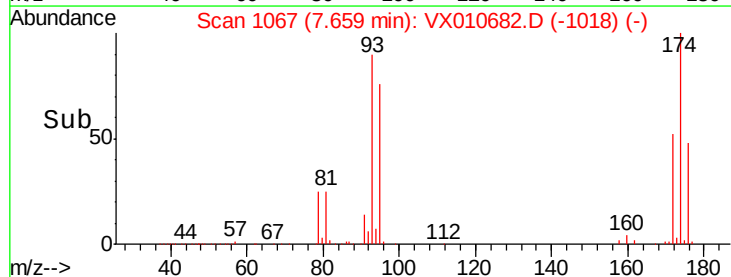
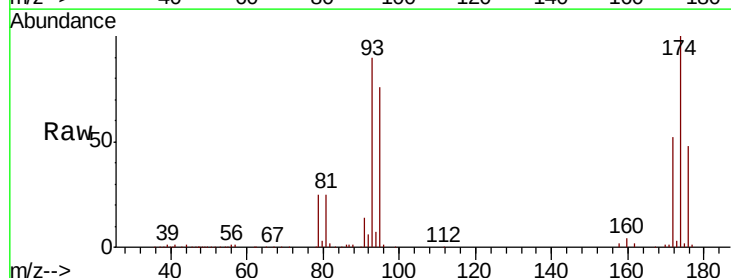
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

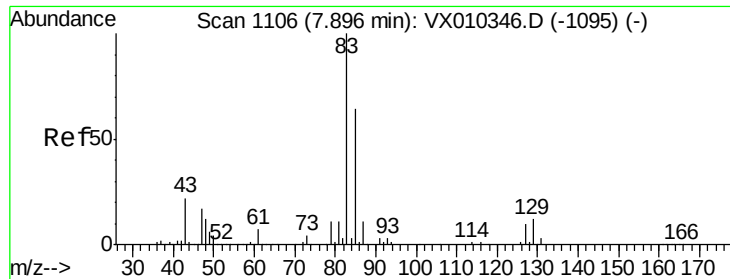
Tot Ion: 63 Resp: 113148
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#46
 Dibromomethane
 Concen: 54.877 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 93 Resp: 83322
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.5 101.3
 174 113.3 95.8 143.6





#47

Bromodichloromethane

Concen: 53.742 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

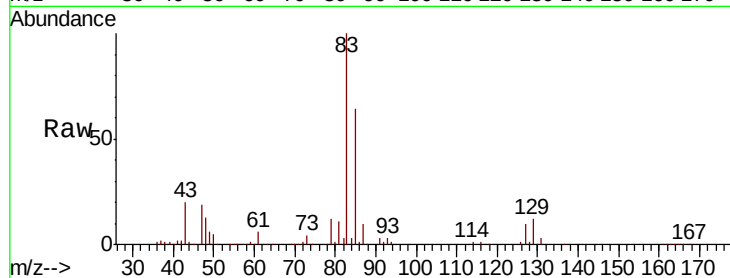
Tot Ion: 83 Resp: 149539

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

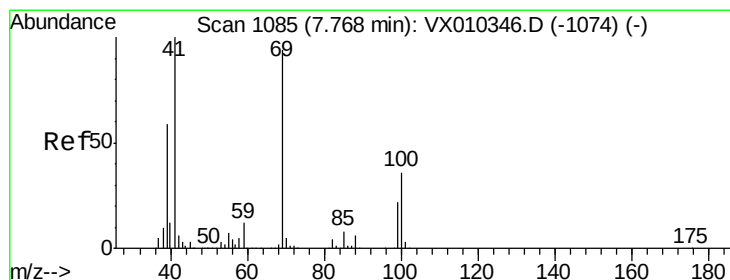
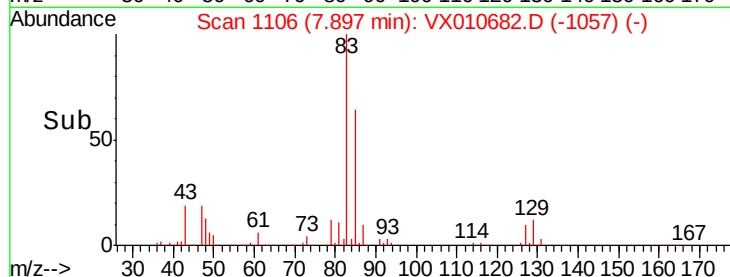
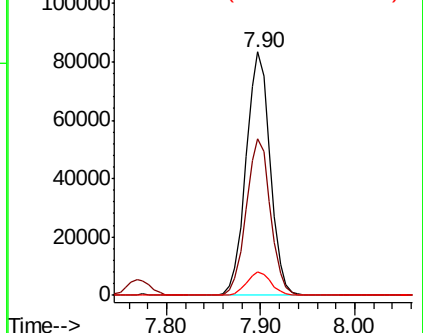
127 9.8 7.8 11.8



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: 57.259 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

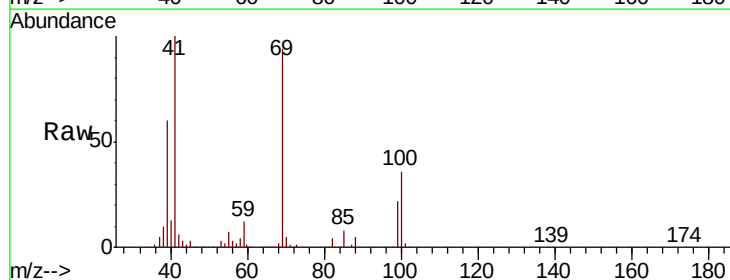
Tgt Ion: 41 Resp: 121851

Ion Ratio Lower Upper

41 100

69 93.9 76.1 114.1

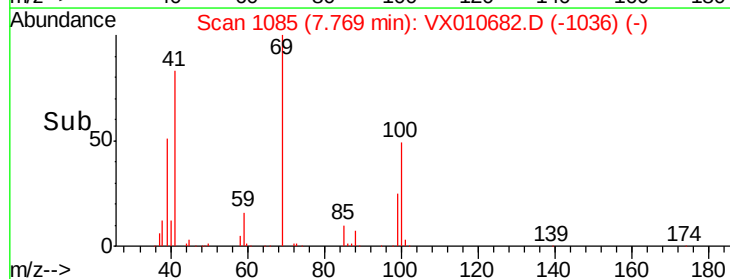
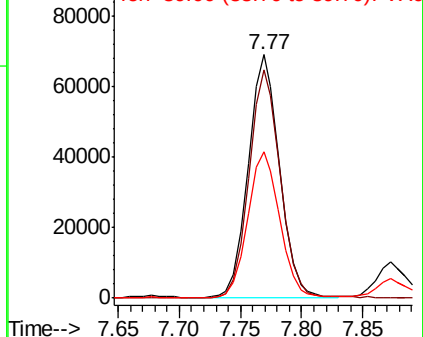
39 61.4 47.6 71.4

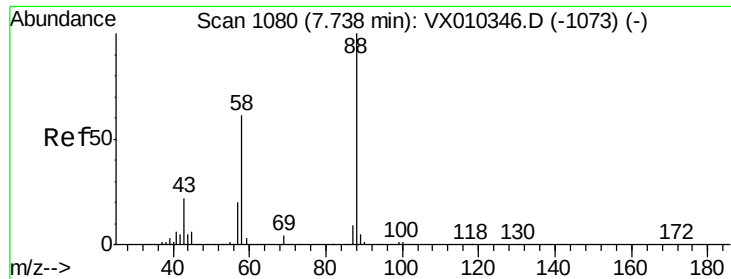


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

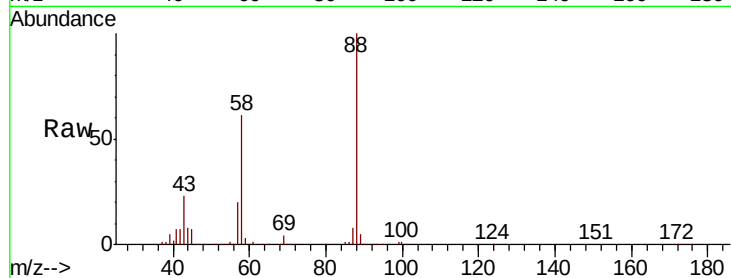




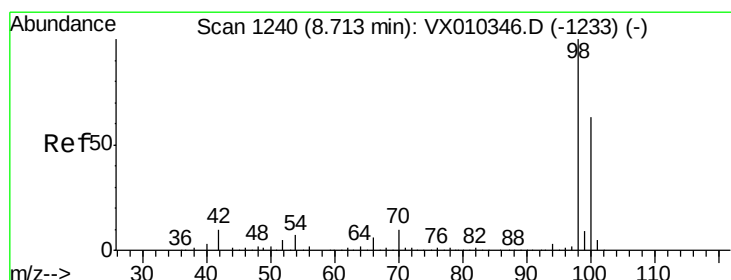
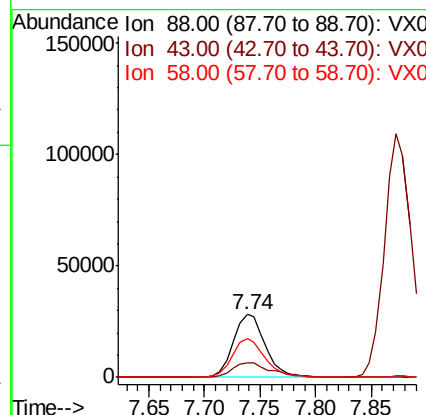
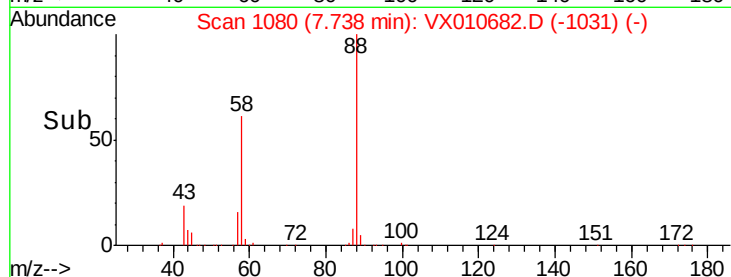
#49
 1,4-Dioxane
 Concen: 908.961 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion: 88 Resp: 55723
 Ion Ratio Lower Upper
 88 100
 43 27.2 20.2 30.2
 58 62.6 49.5 74.3

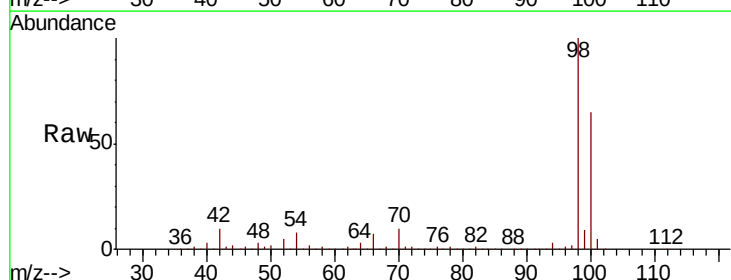


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

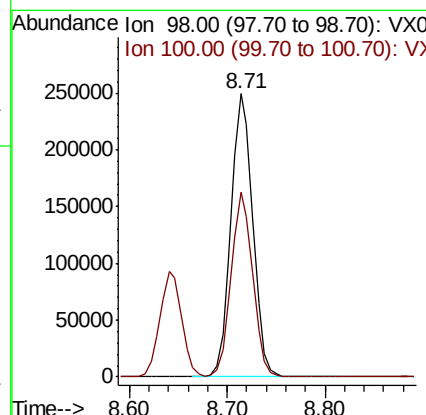
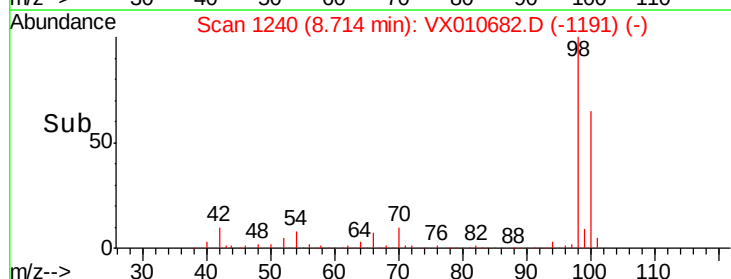


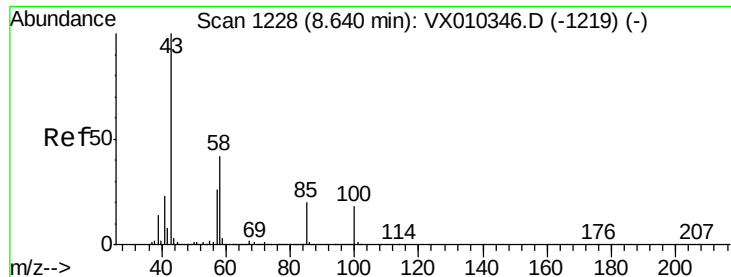
#50
 Toluene-d8
 Concen: 48.625 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 98 Resp: 385275
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.6 77.4



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: 286.918 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

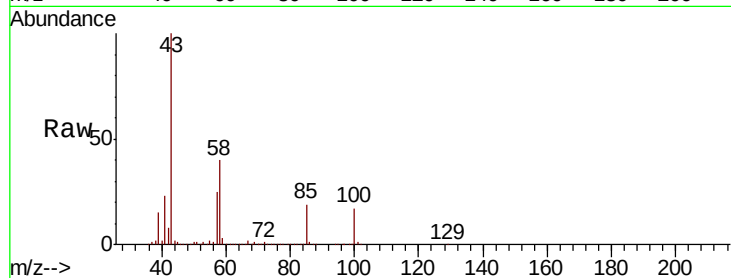
SS038RW151-190702MSD

Tot Ion: 43 Resp: 840130

Ion Ratio Lower Upper

43 100

58 40.5 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

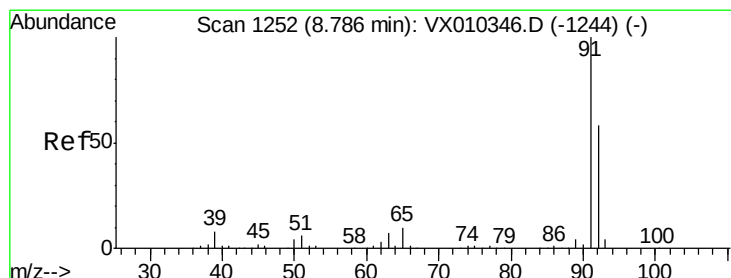
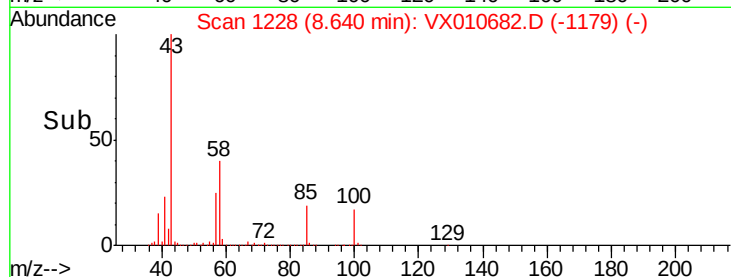
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 53.634 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010682.D

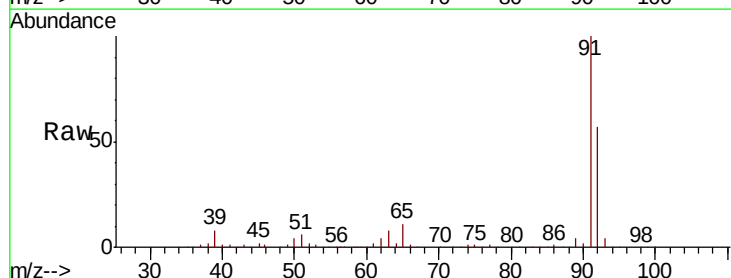
Acq: 04 Jul 2019 10:58

Tgt Ion: 92 Resp: 295986

Ion Ratio Lower Upper

92 100

91 175.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

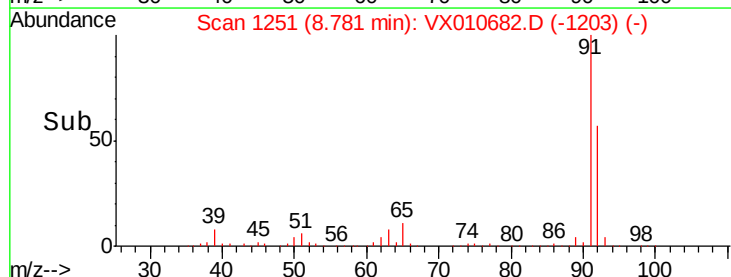
300000

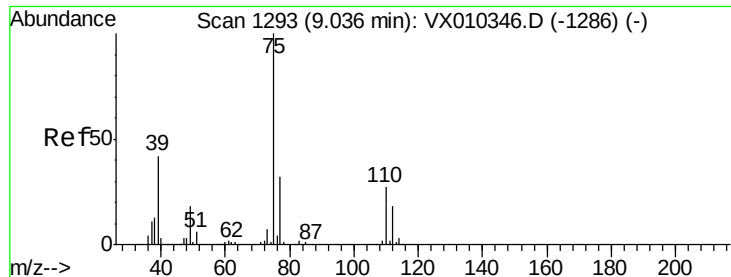
200000

100000

0

Time--> 8.70 8.80 8.90

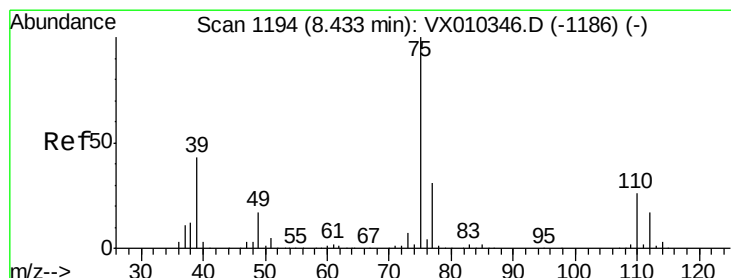
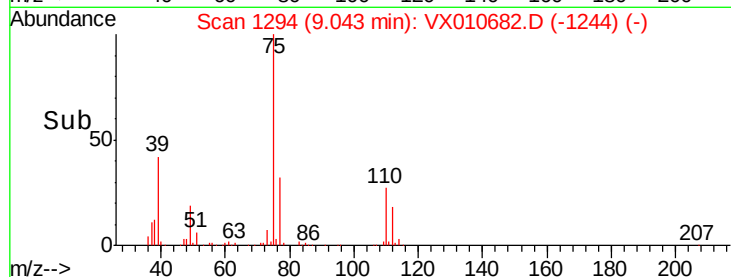
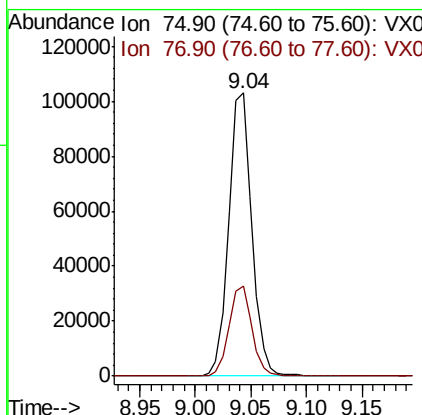
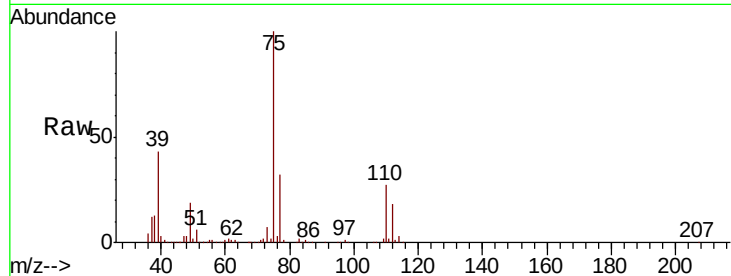




#53
 t-1,3-Dichloropropene
 Concen: 47.307 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

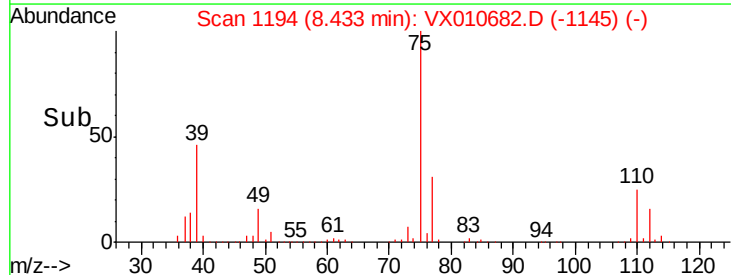
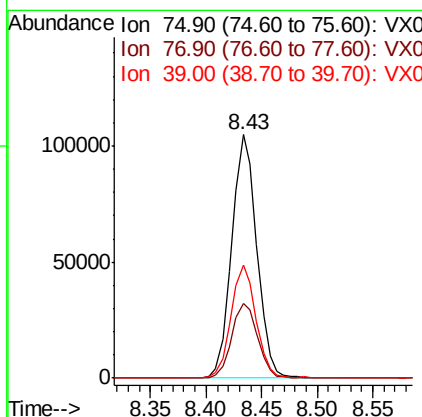
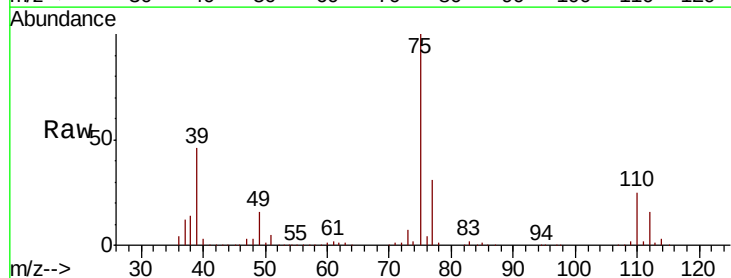
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

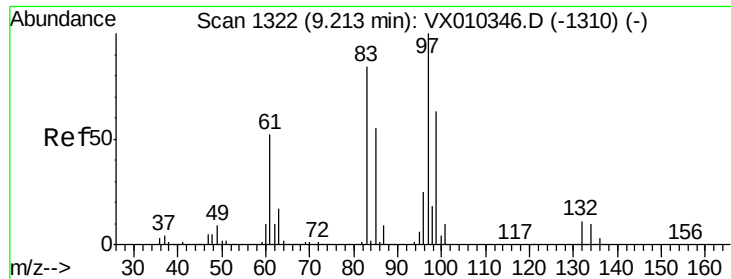
Tot Ion: 75 Resp: 147581
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.164 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 75 Resp: 163283
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8
 39 46.1 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 54.552 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 97 Resp: 124160

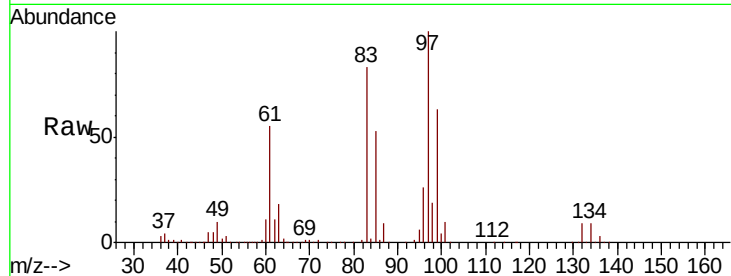
Ion Ratio Lower Upper

97 100

83 82.6 67.4 101.0

85 52.6 43.8 65.8

99 62.8 50.3 75.5

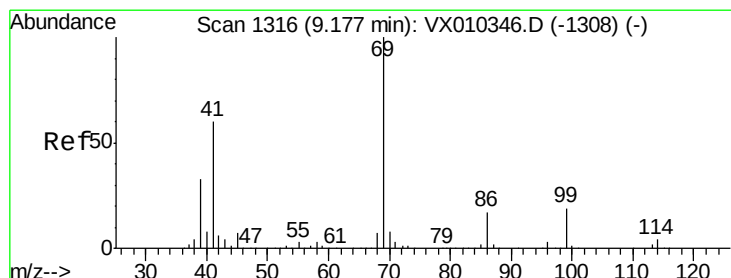
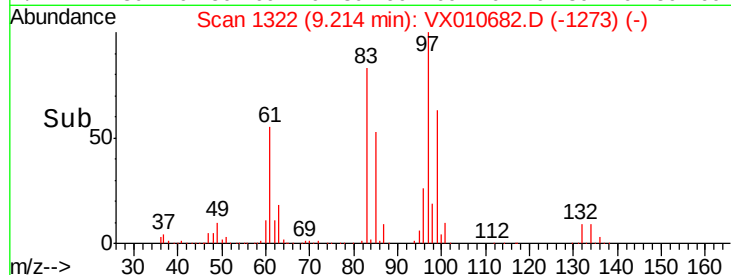
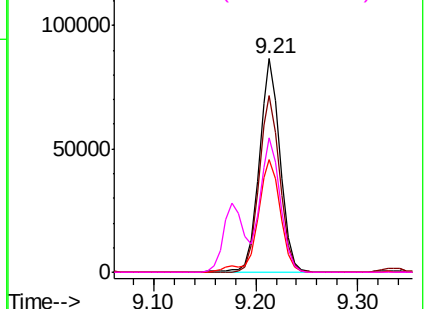


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.168 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

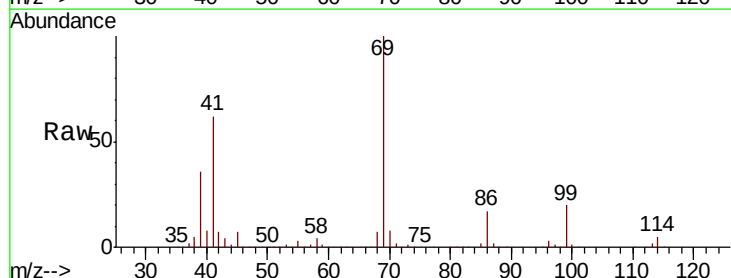
Tgt Ion: 69 Resp: 190211

Ion Ratio Lower Upper

69 100

41 61.4 47.1 70.7

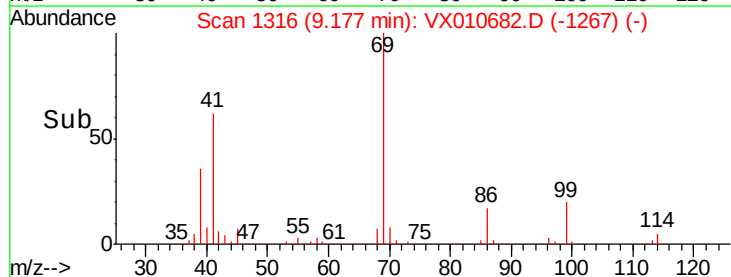
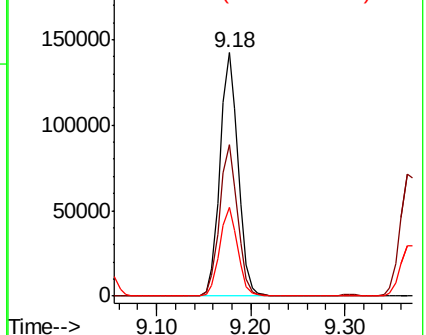
39 36.1 26.6 40.0

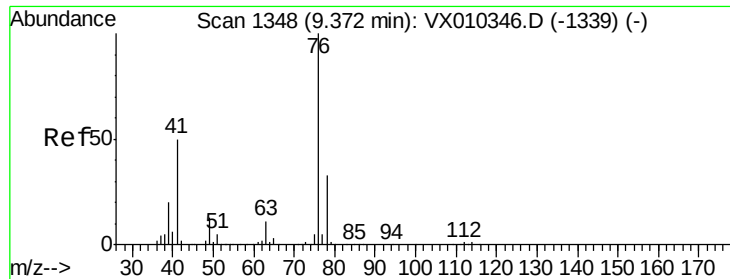


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

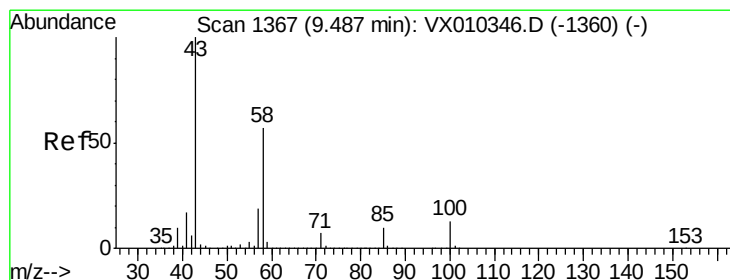
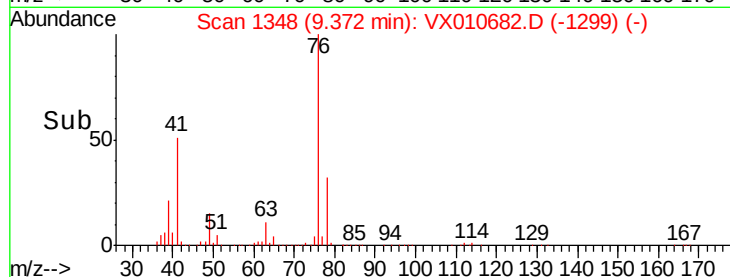
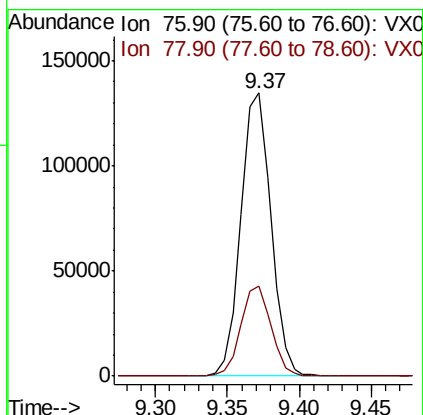
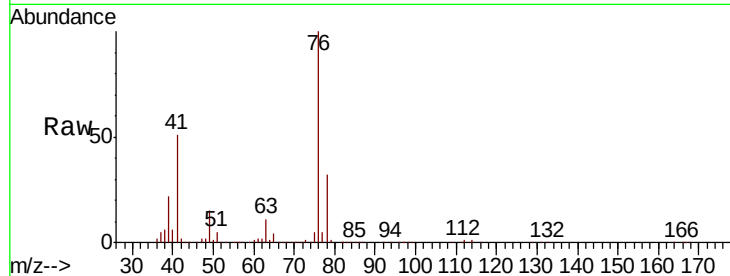




#57
 1,3-Dichloropropane
 Concen: 55.191 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

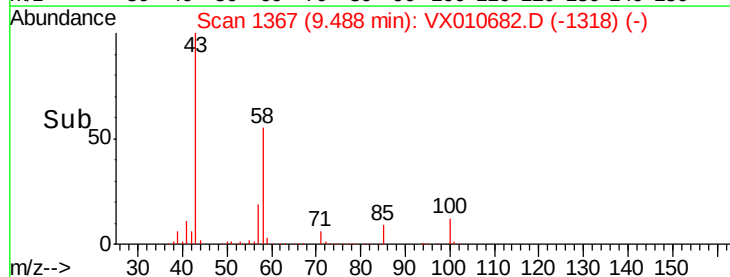
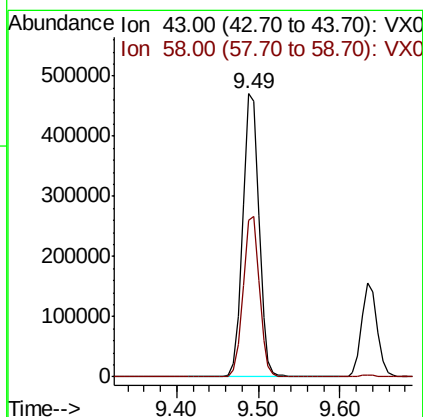
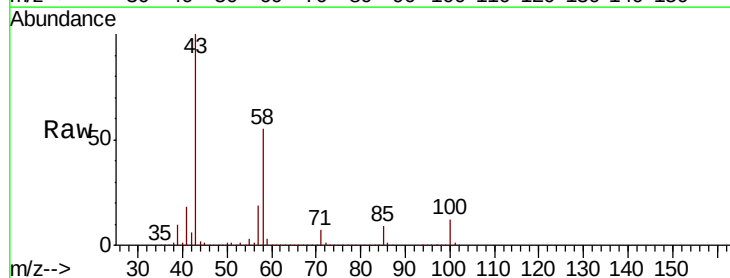
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

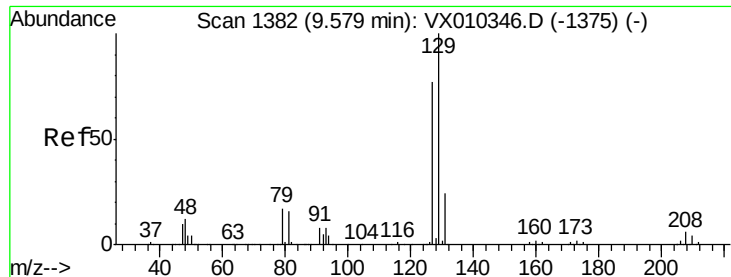
Tot Ion: 76 Resp: 194992
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#59
 2-Hexanone
 Concen: 278.248 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 43 Resp: 641232
 Ion Ratio Lower Upper
 43 100
 58 57.0 29.0 87.1

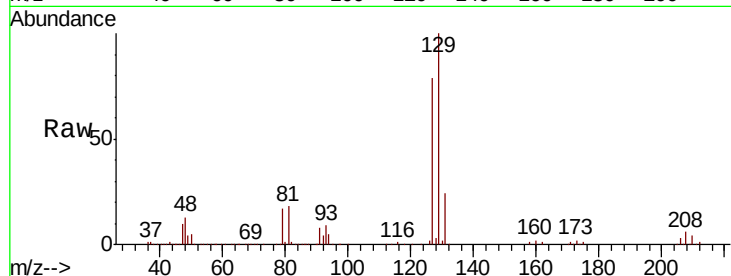




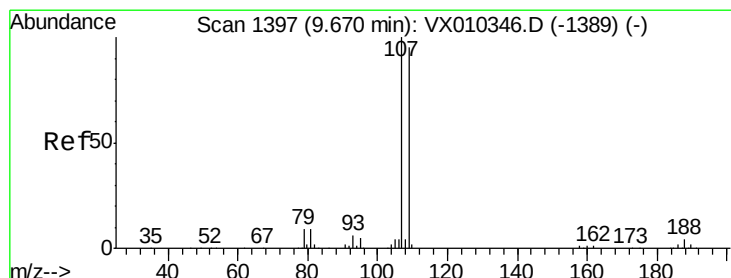
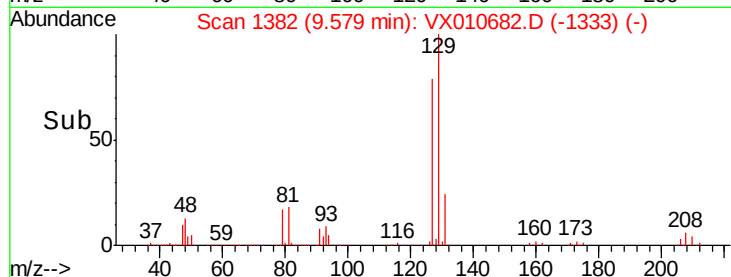
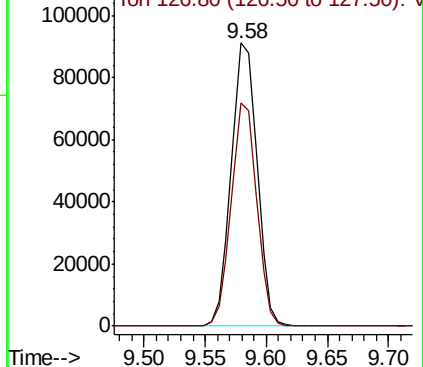
#60
Dibromochloromethane
Concen: 52.342 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion:129 Resp: 133387
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1

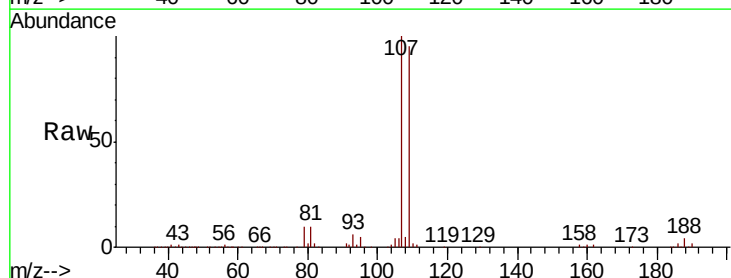


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

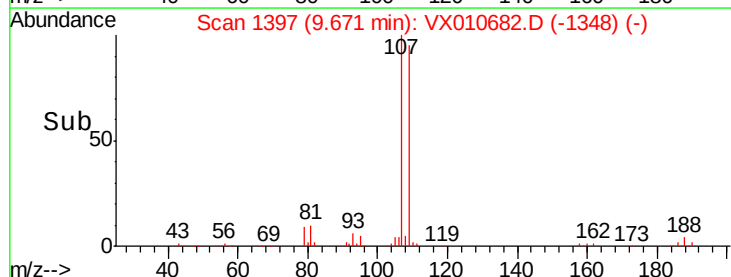
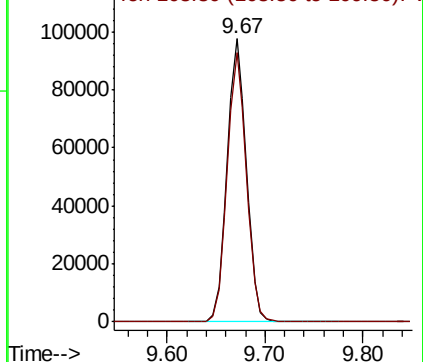


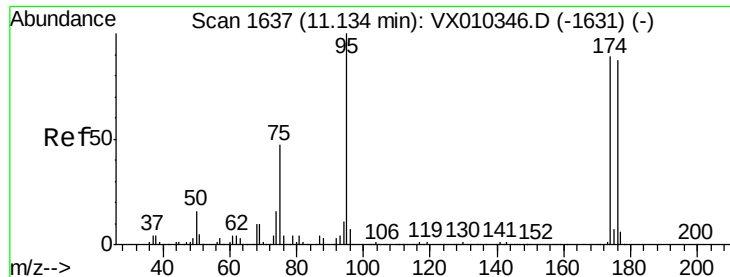
#61
1,2-Dibromoethane
Concen: 54.447 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion:107 Resp: 133760
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.321 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

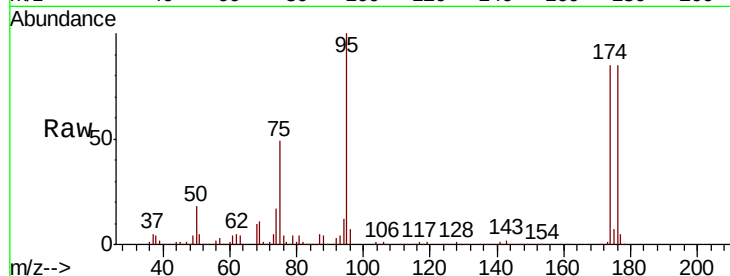
Tot Ion: 95 Resp: 143947

Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.6

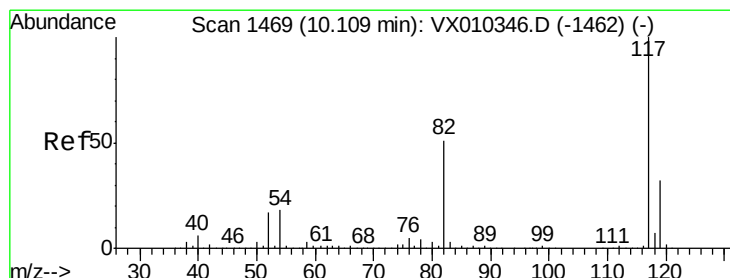
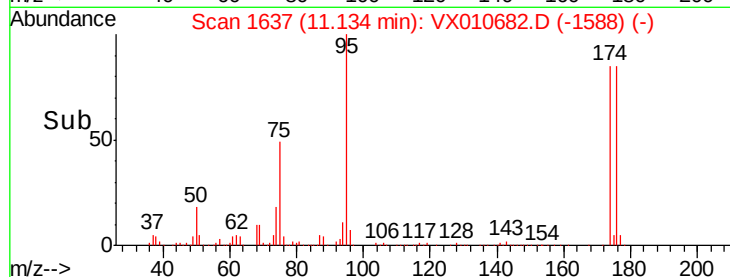
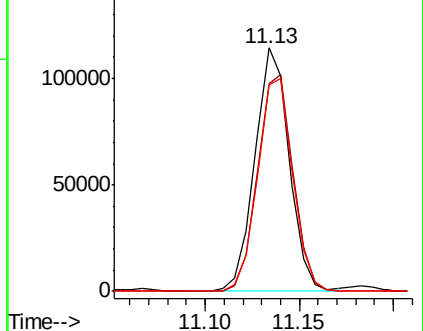
176 89.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

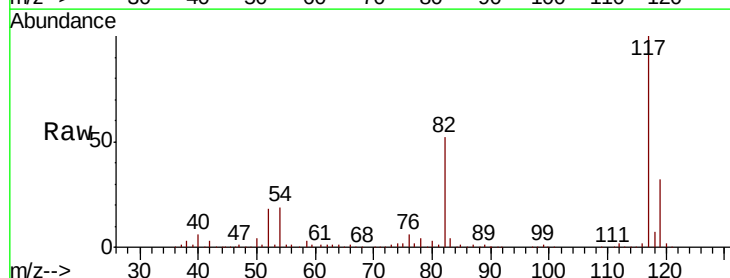
Tgt Ion: 117 Resp: 312055

Ion Ratio Lower Upper

117 100

82 52.1 41.2 61.8

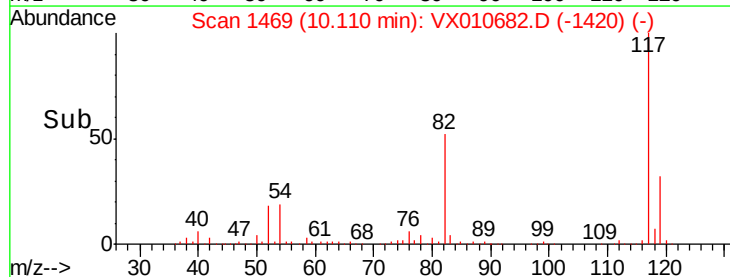
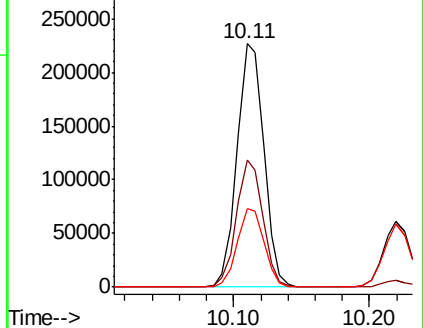
119 32.4 25.5 38.3

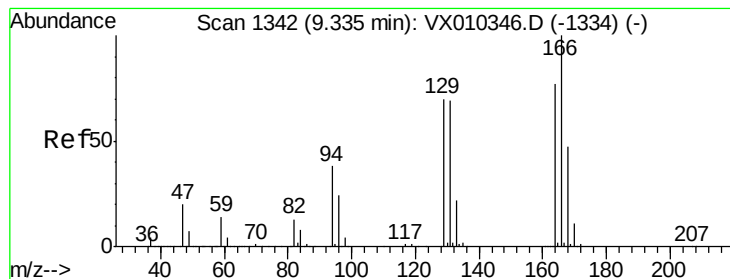


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#64

Tetrachloroethene

Concen: 47.335 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion:164 Resp: 119473

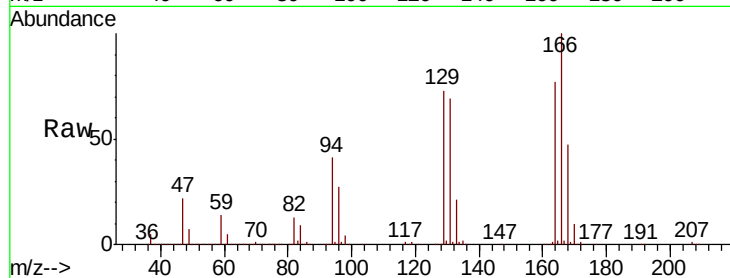
Ion Ratio Lower Upper

164 100

166 129.5 103.6 155.4

129 94.3 73.0 109.4

131 89.4 71.0 106.4

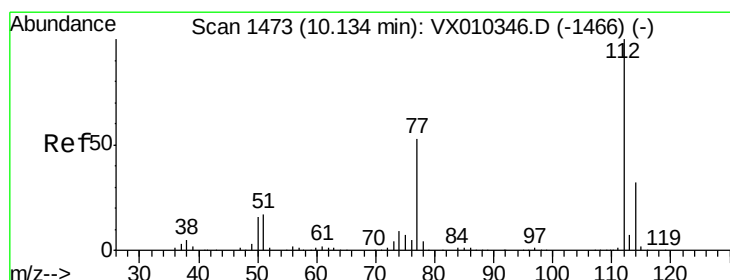
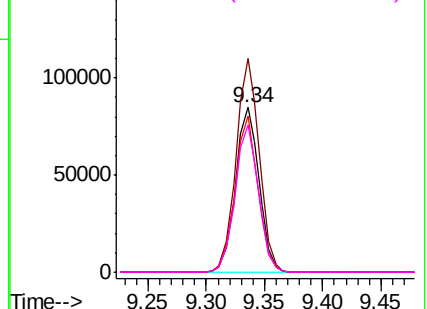
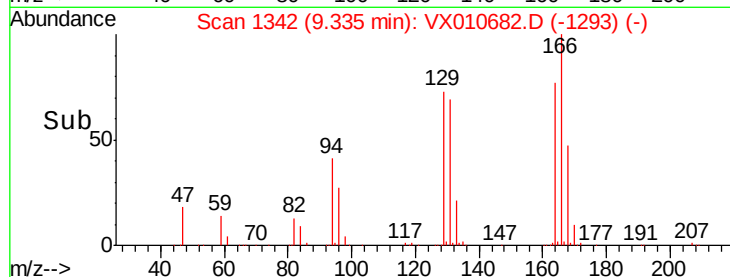


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 134.058 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010682.D

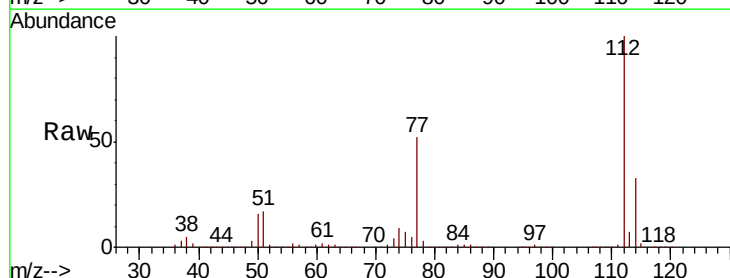
Acq: 04 Jul 2019 10:58

Tgt Ion:112 Resp: 849301

Ion Ratio Lower Upper

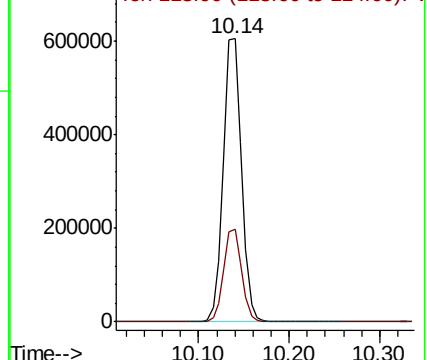
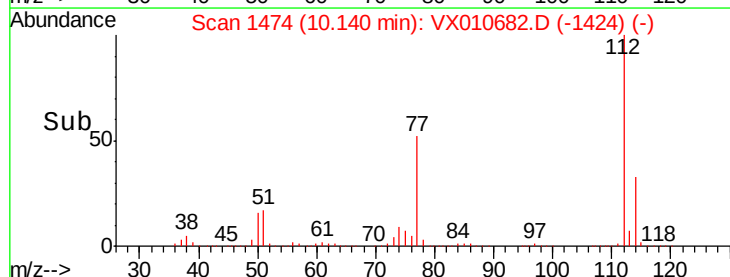
112 100

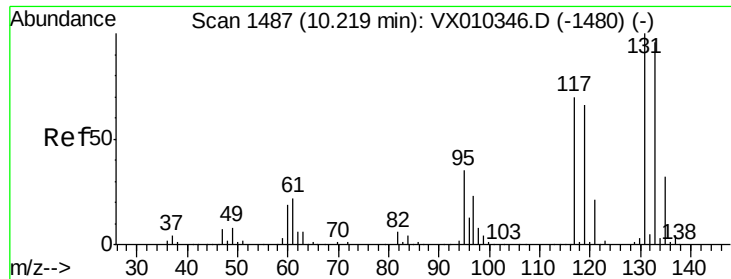
114 32.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

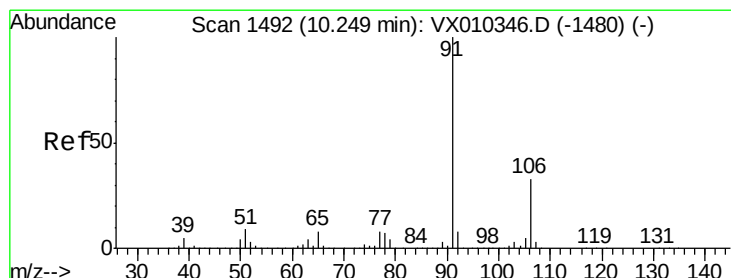
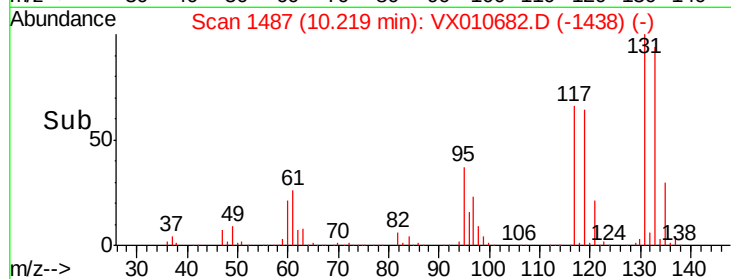
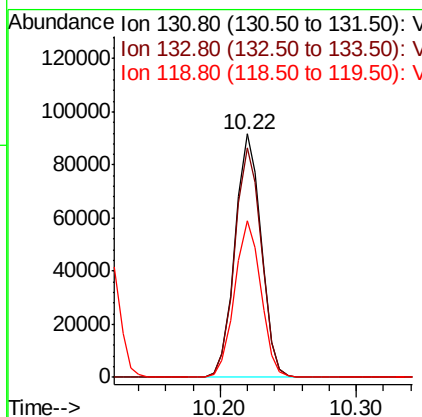
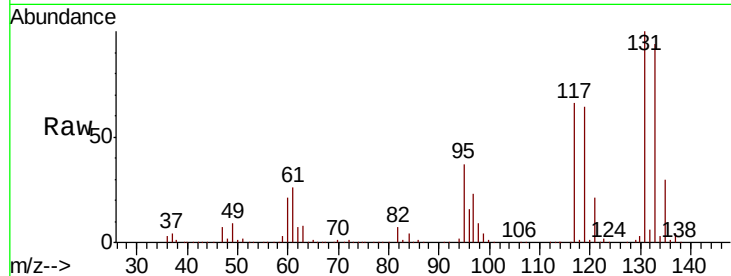




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.317 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

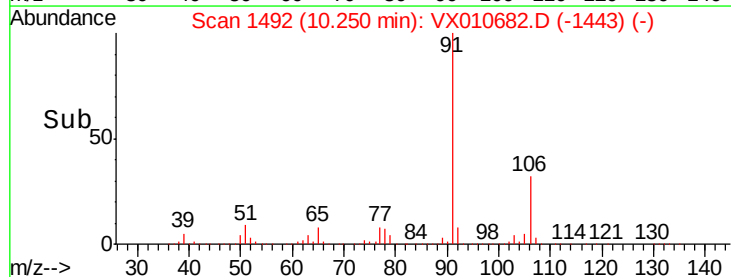
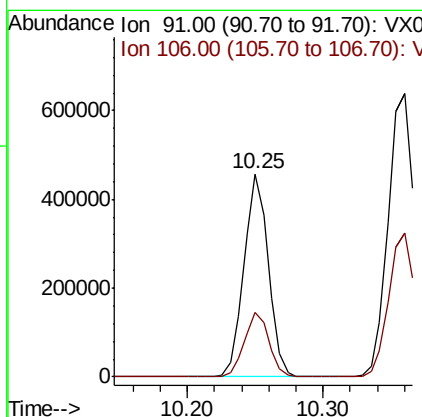
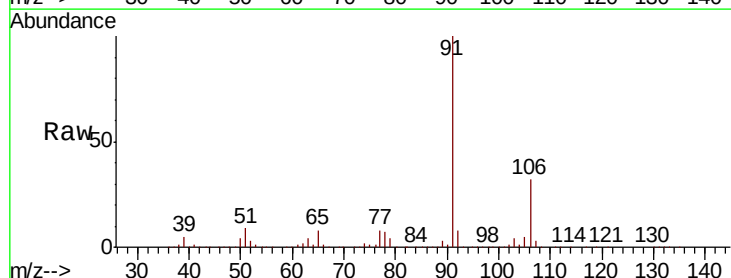
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

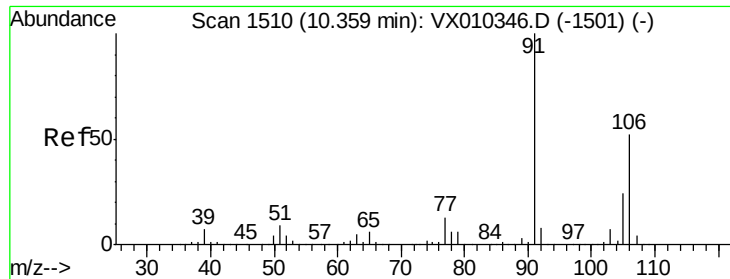
Tot Ion:131 Resp: 123036
 Ion Ratio Lower Upper
 131 100
 133 95.9 47.7 143.1
 119 64.5 32.6 97.7



#67
 Ethyl Benzene
 Concen: 53.573 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 91 Resp: 572987
 Ion Ratio Lower Upper
 91 100
 106 31.8 26.2 39.2

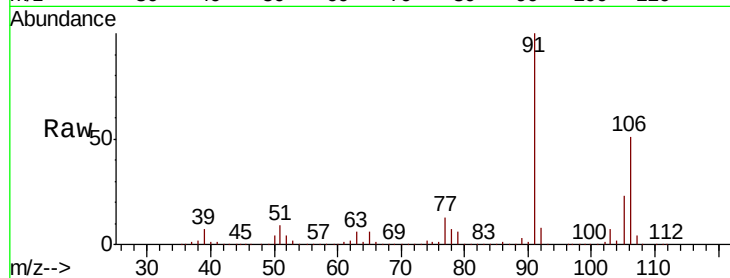




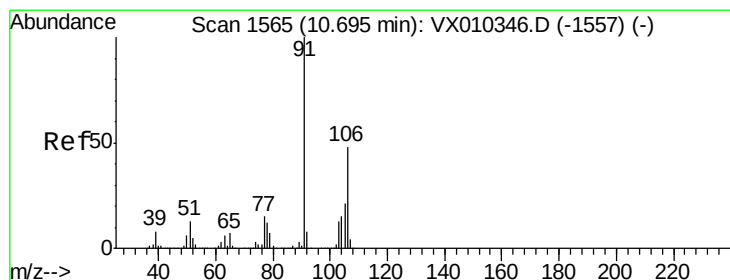
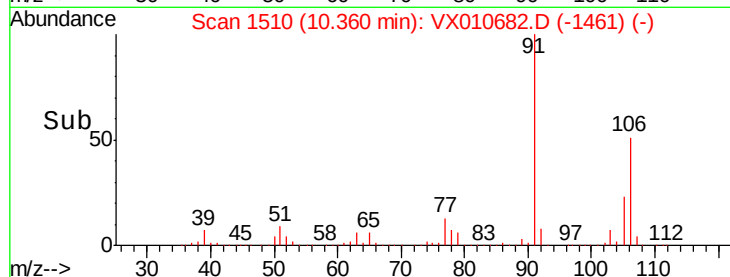
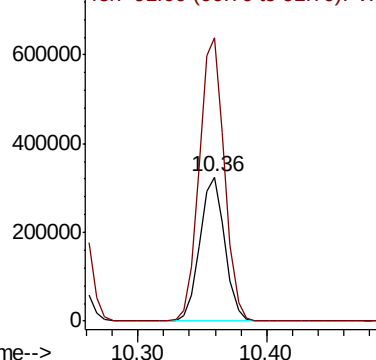
#68
m/p-Xylenes
Concen: 106.386 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion:106 Resp: 440883
Ion Ratio Lower Upper
106 100
91 197.8 155.3 232.9

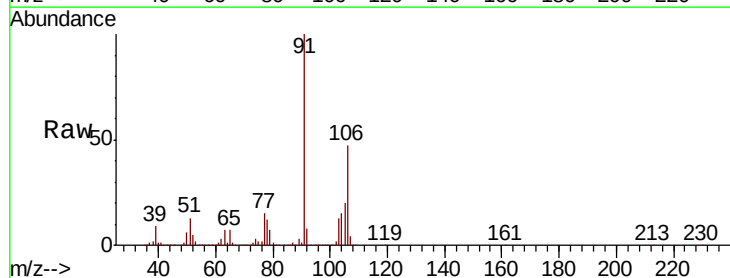


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

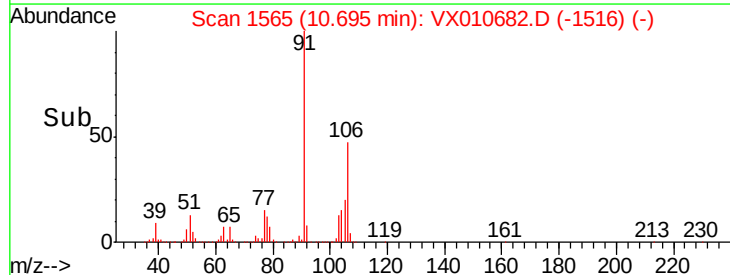
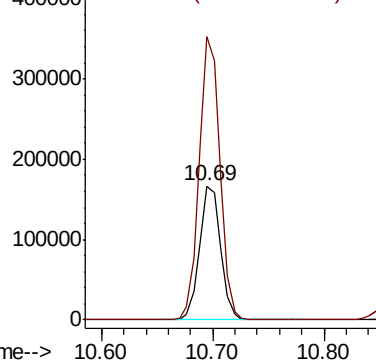


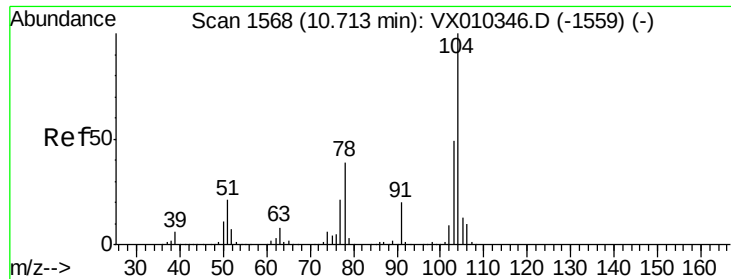
#69
o-Xylene
Concen: 53.237 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion:106 Resp: 216965
Ion Ratio Lower Upper
106 100
91 208.6 102.7 308.1



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

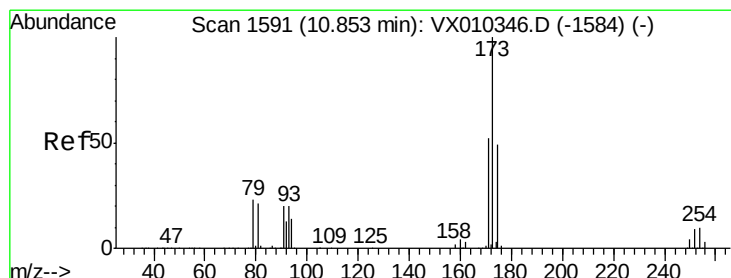
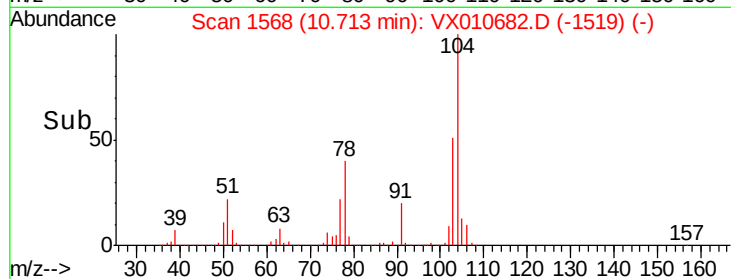
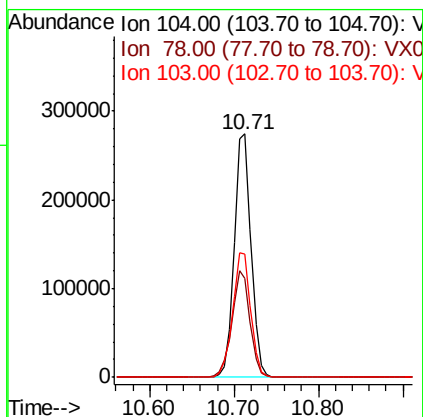
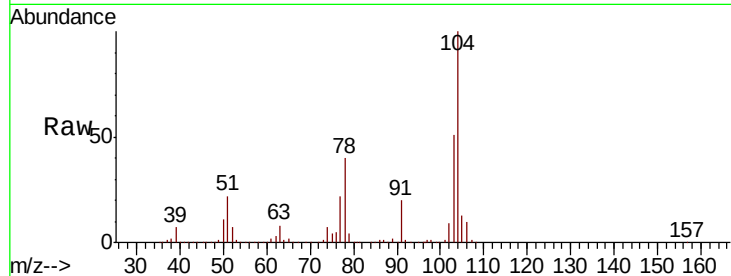




#70
Stvrene
Concen: 54.003 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

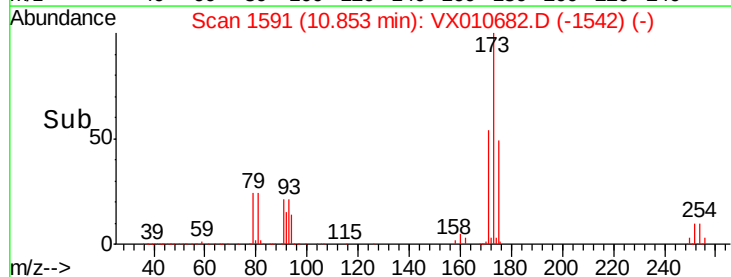
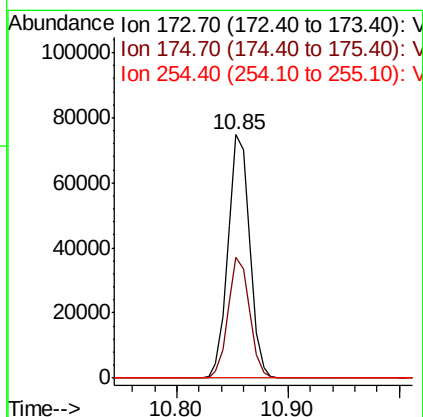
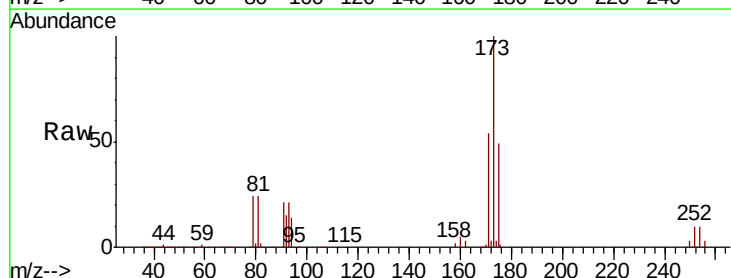
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

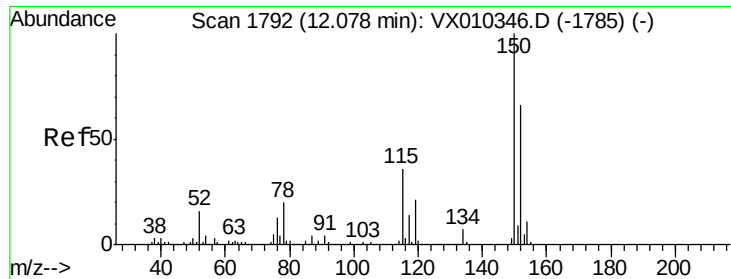
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.0	36.2	54.2
103	55.3	44.2	66.4



#71
Bromoform
Concen: 50.247 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.2	0.2	0.2#



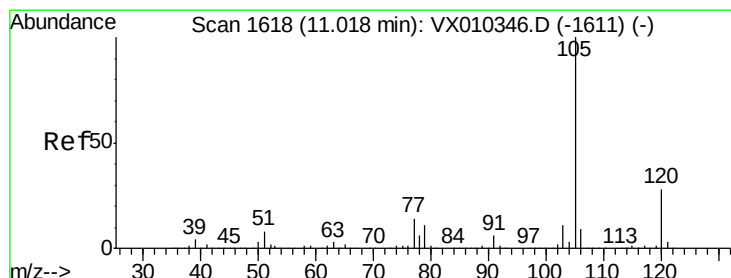
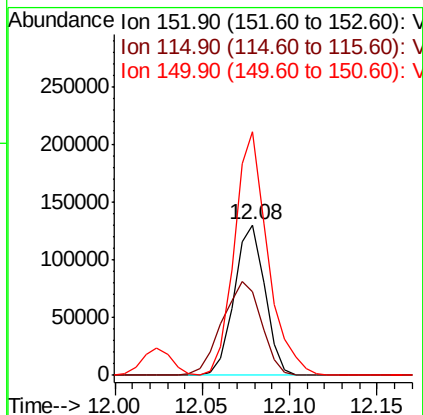
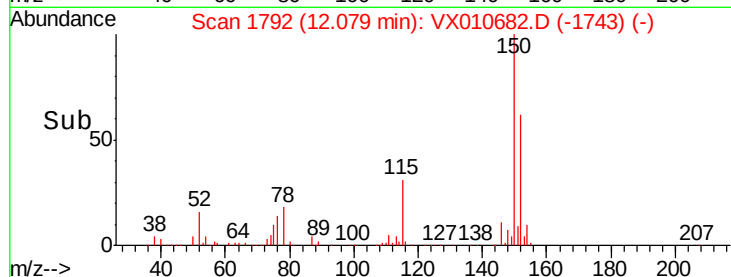
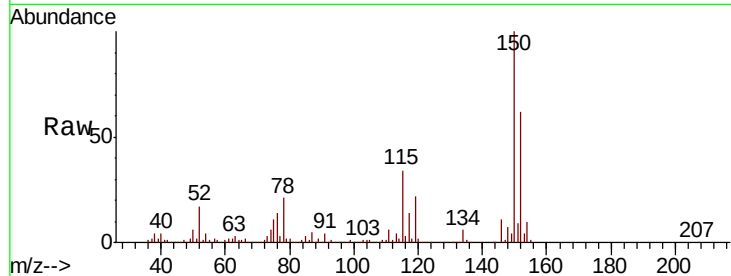


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

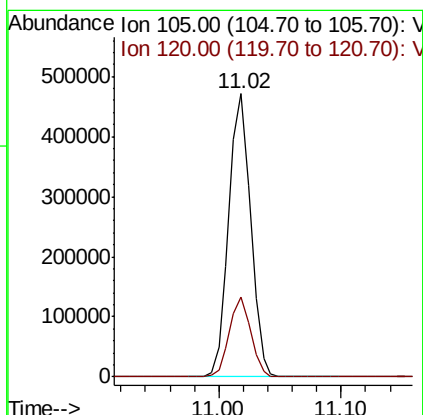
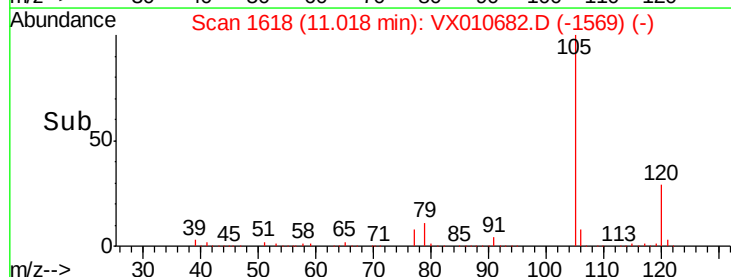
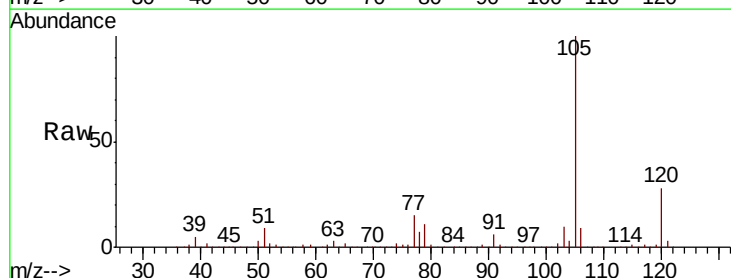
Tot Ion:152 Resp: 159978
Ion Ratio Lower Upper
152 100
115 79.7 38.6 115.7
150 174.0 0.0 347.4

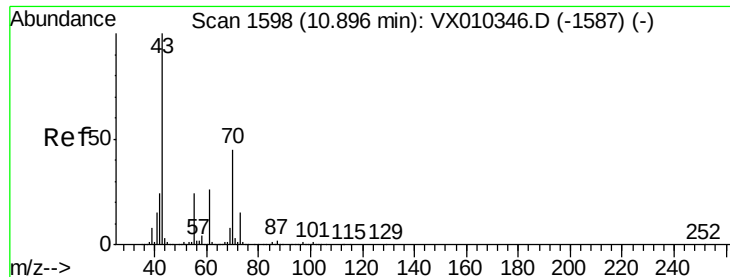


#73

Isopropylbenzene
Concen: 53.734 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion:105 Resp: 582725
Ion Ratio Lower Upper
105 100
120 27.6 14.1 42.4





#74

N-amvl acetate

Concen: 47.986 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 43 Resp: 196664

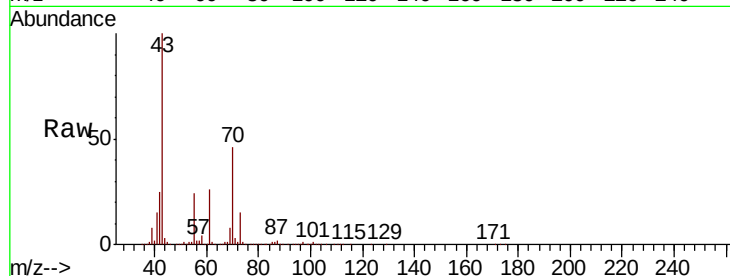
Ion Ratio Lower Upper

43 100

70 45.2 36.6 54.8

55 24.6 18.7 28.1

61 25.0 20.6 31.0

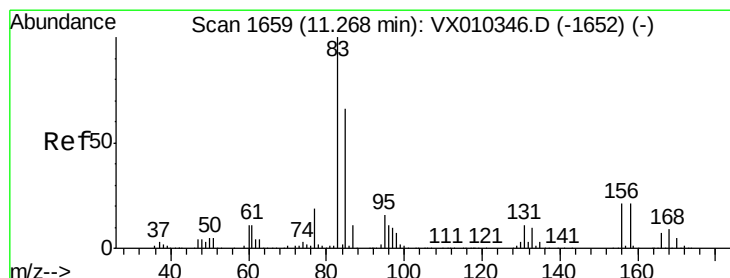
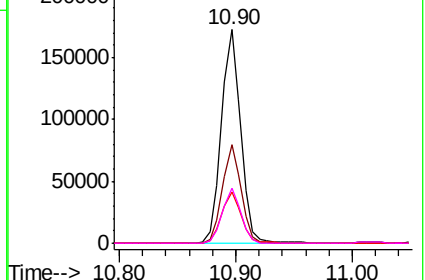
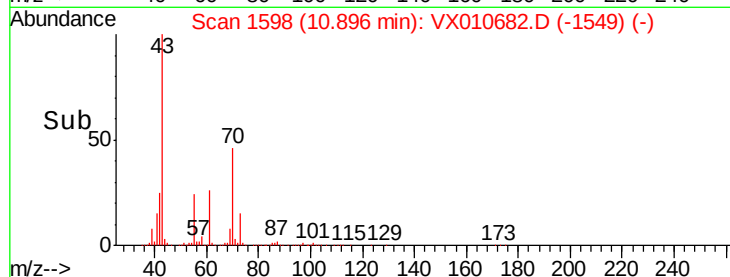


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.181 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

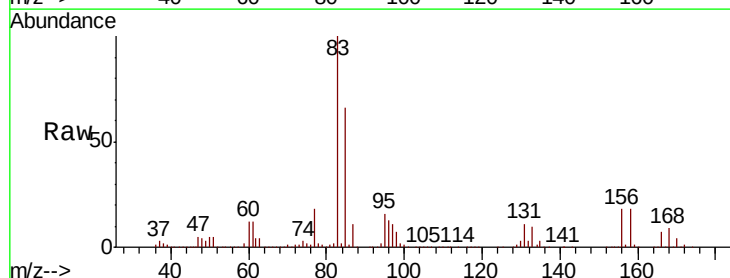
Tgt Ion: 83 Resp: 194586

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

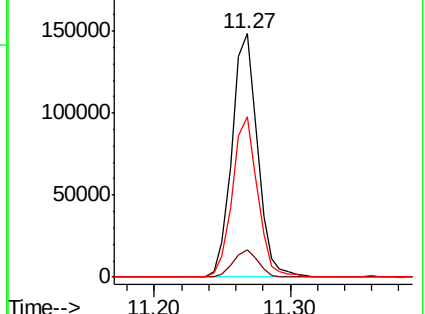
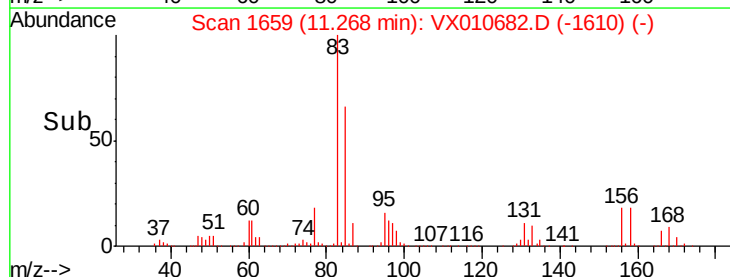
85 65.0 32.3 96.8

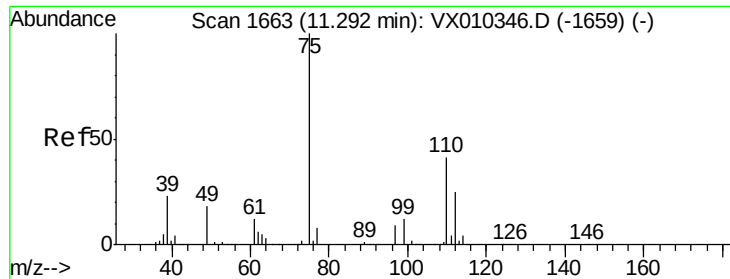


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

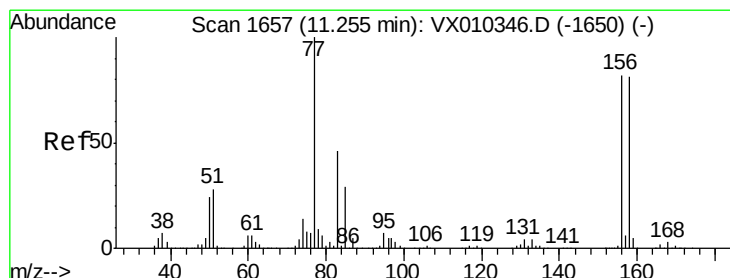
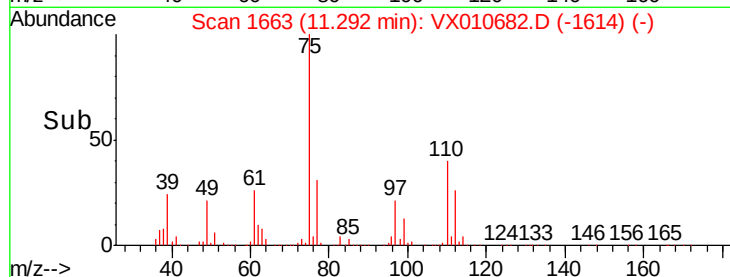
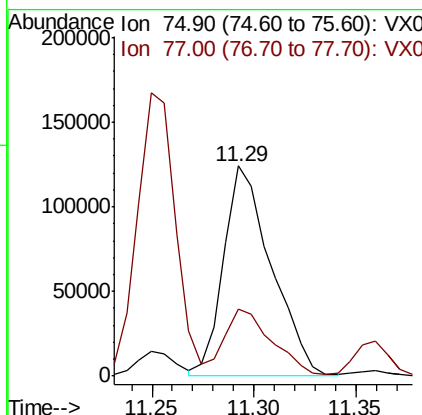
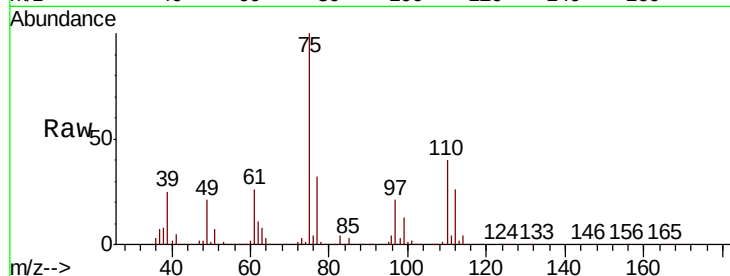




#76
1,2,3-Trichloropropane
Concen: 69.335 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

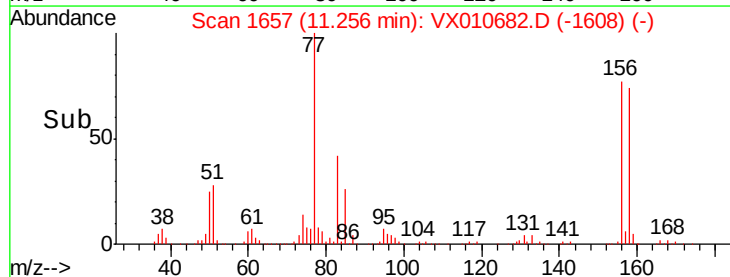
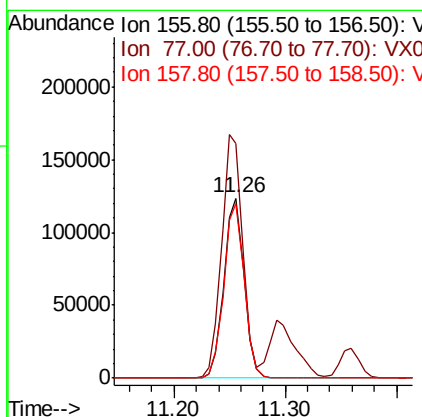
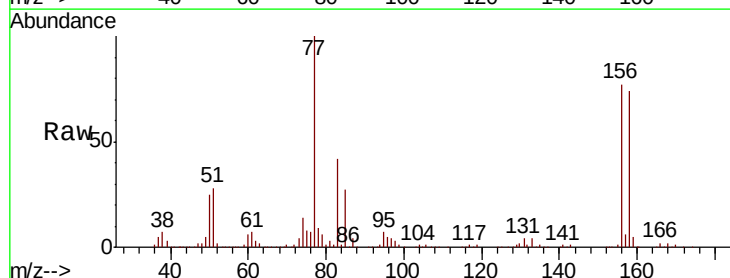
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

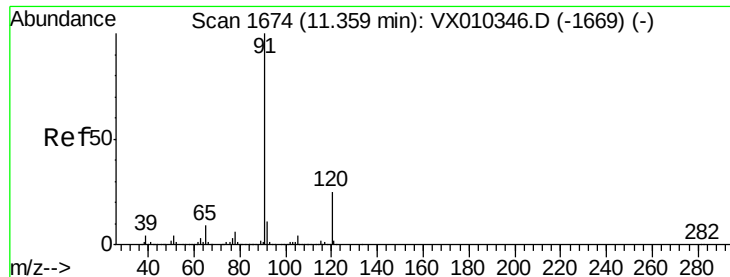
Tot Ion: 75 Resp: 202128
Ion Ratio Lower Upper
75 100
77 31.8 22.6 67.8



#77
Bromobenzene
Concen: 51.147 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 156 Resp: 154879
Ion Ratio Lower Upper
156 100
77 140.2 66.3 198.7
158 97.8 48.9 146.7





#78

n-propylbenzene

Concen: 53.716 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

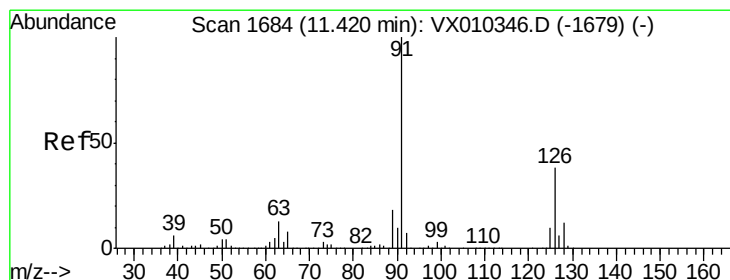
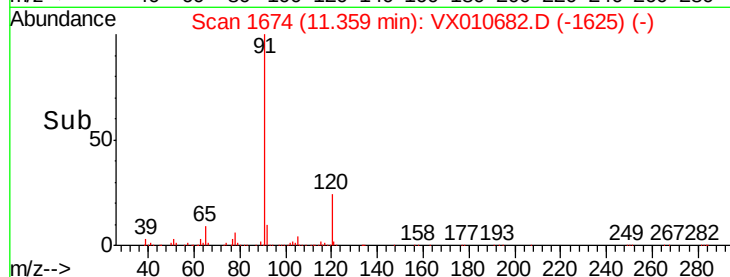
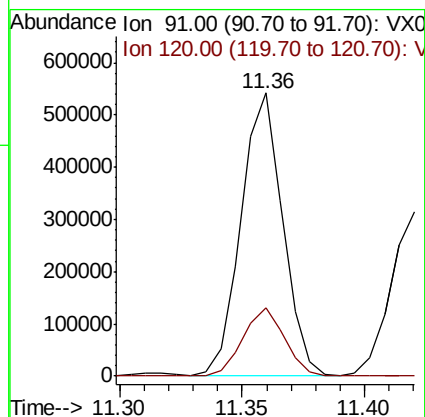
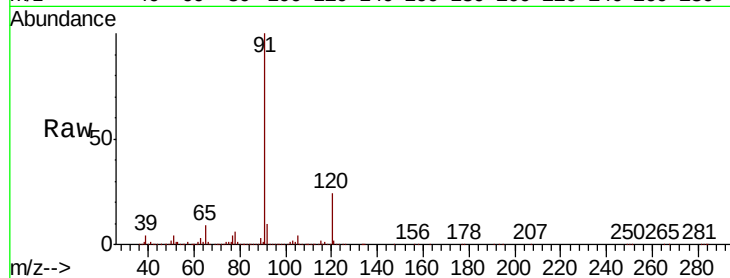
SS038RW151-190702MSD

Tot Ion: 91 Resp: 640220

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 53.543 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010682.D

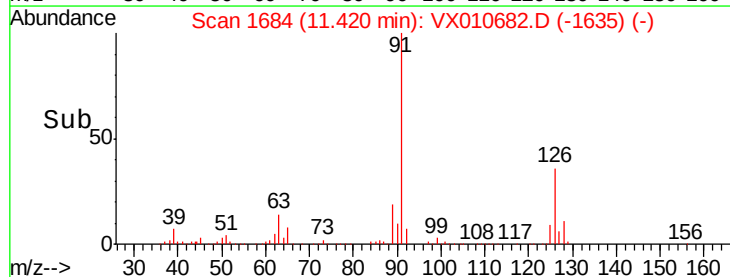
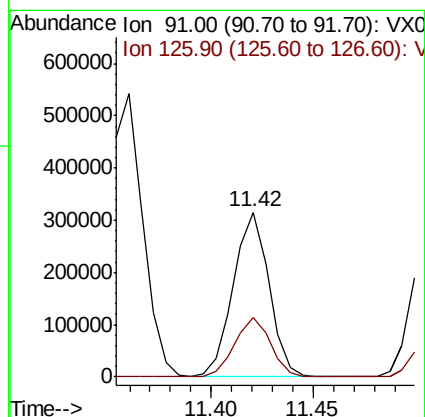
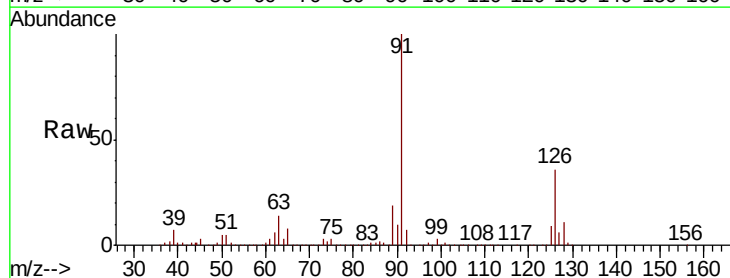
Acq: 04 Jul 2019 10:58

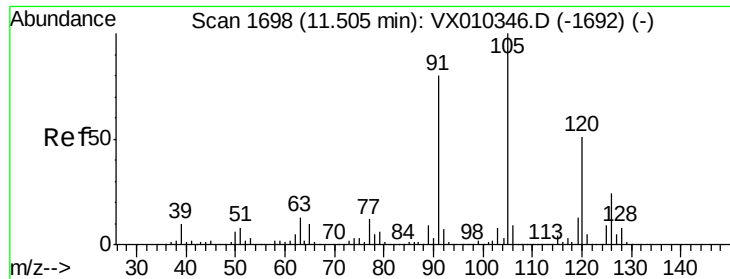
Tgt Ion: 91 Resp: 380007

Ion Ratio Lower Upper

91 100

126 36.5 18.7 56.1

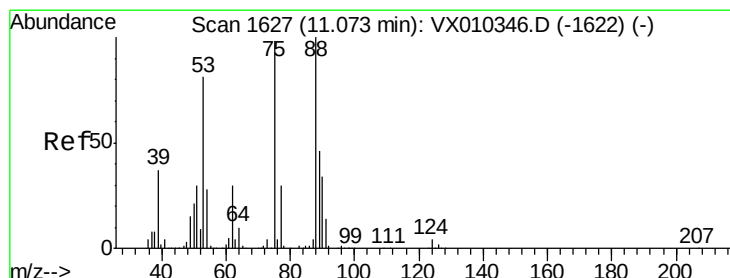
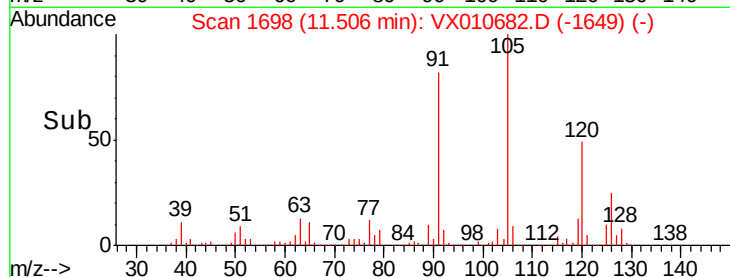
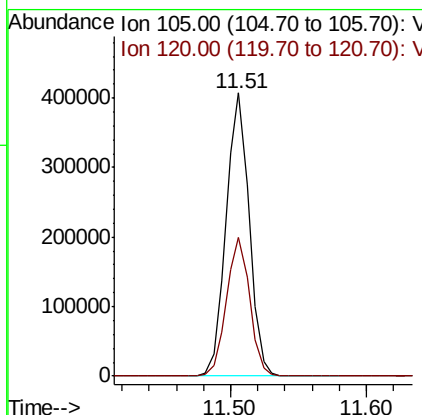
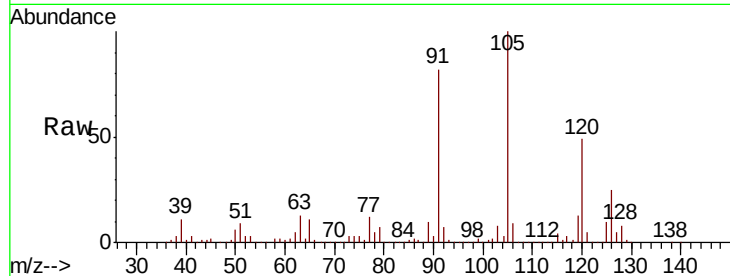




#80
 1,3,5-Trimethylbenzene
 Concen: 53.332 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

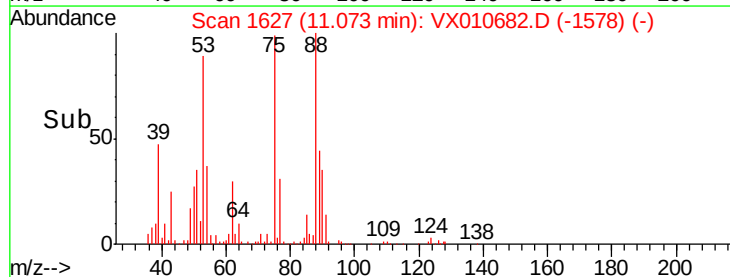
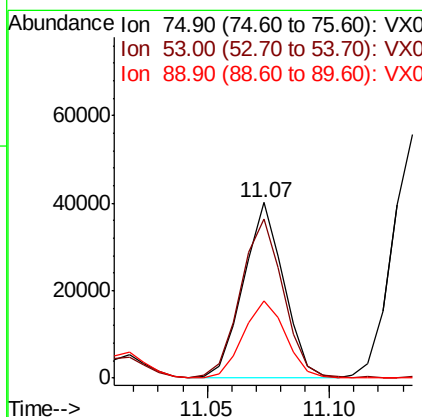
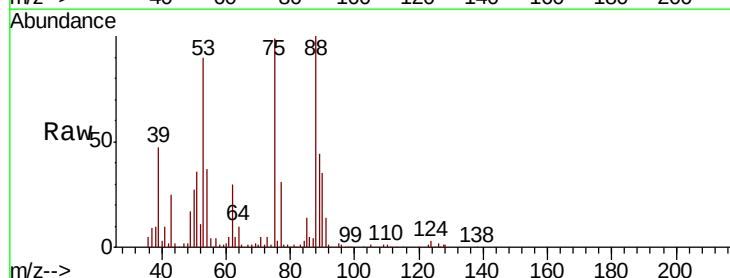
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

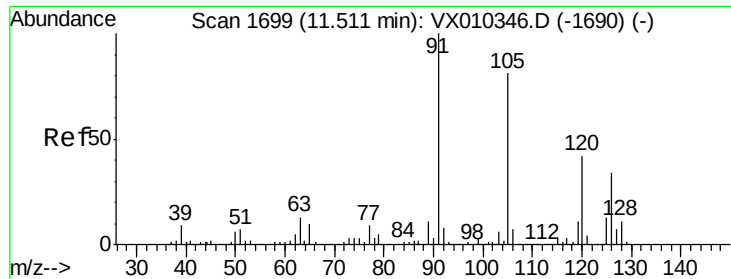
Tot Ion:105 Resp: 476786
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.689 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 75 Resp: 45847
 Ion Ratio Lower Upper
 75 100
 53 96.0 66.1 99.1
 89 46.9 37.8 56.6

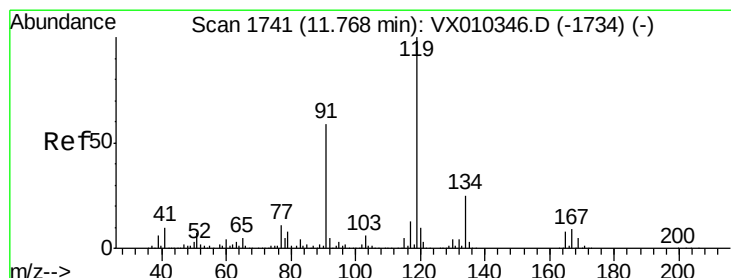
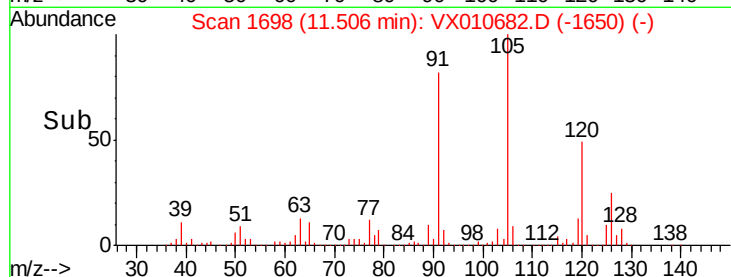
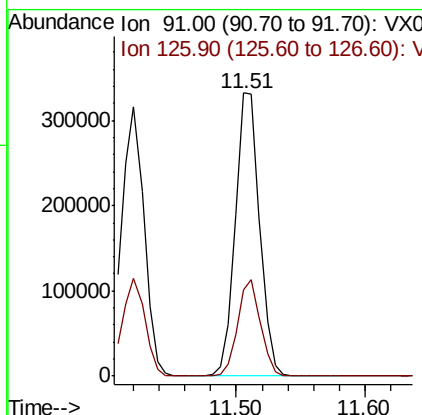
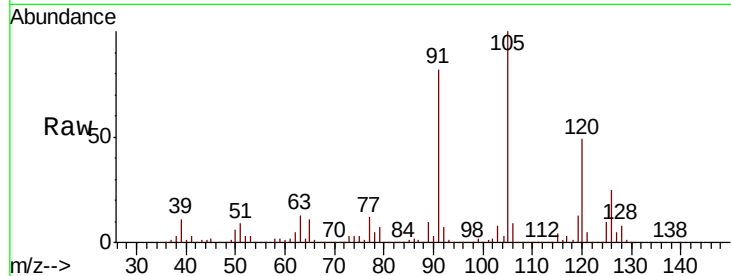




#82
4-Chlorotoluene
Concen: 53.937 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

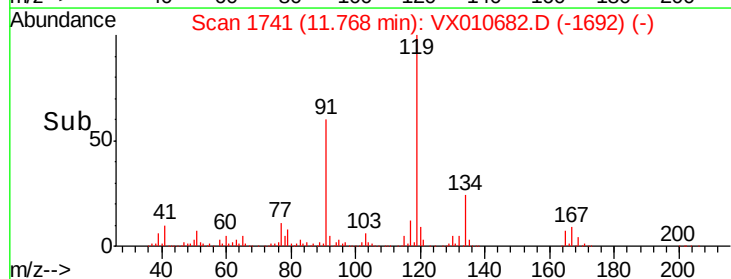
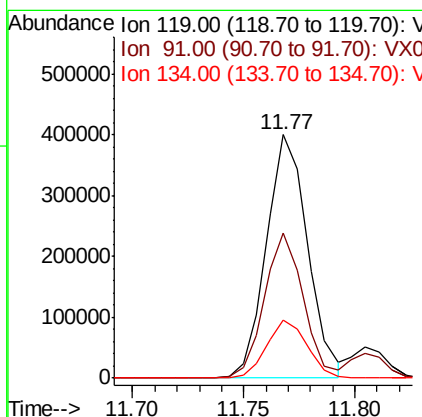
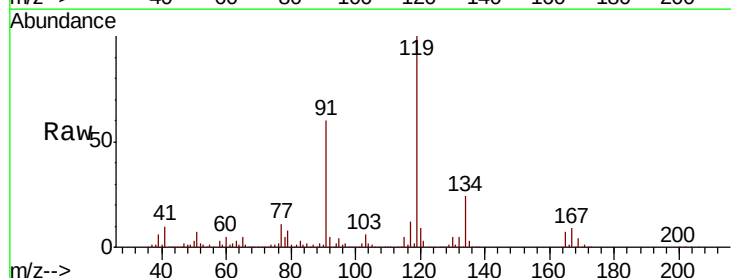
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

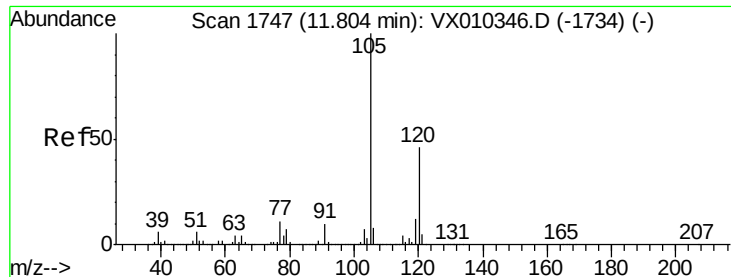
Tot Ion: 91 Resp: 435591
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6



#83
tert-Butylbenzene
Concen: 57.346 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 119 Resp: 514567
Ion Ratio Lower Upper
119 100
91 56.5 27.6 82.7
134 23.4 11.8 35.4

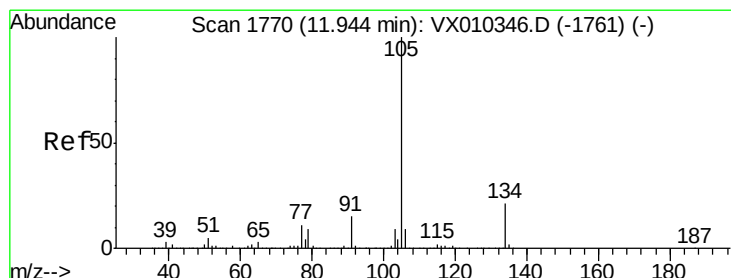
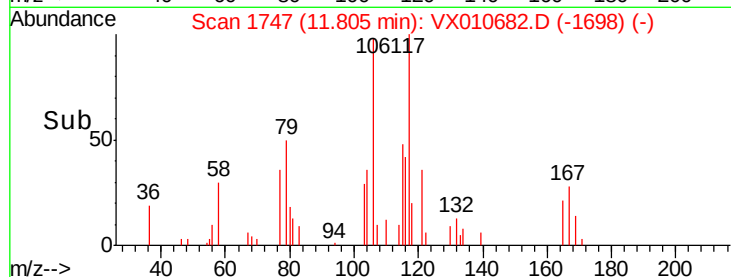
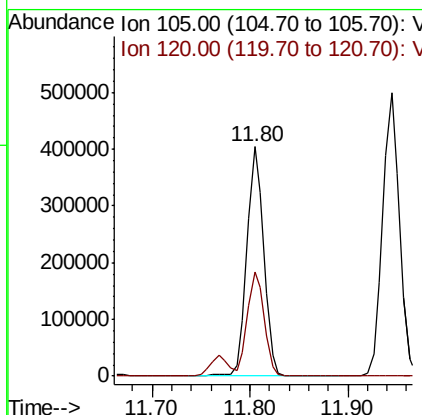
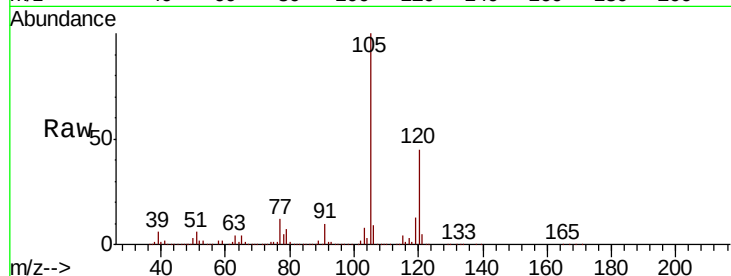




#84
 1,2,4-Trimethylbenzene
 Concen: 53.976 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

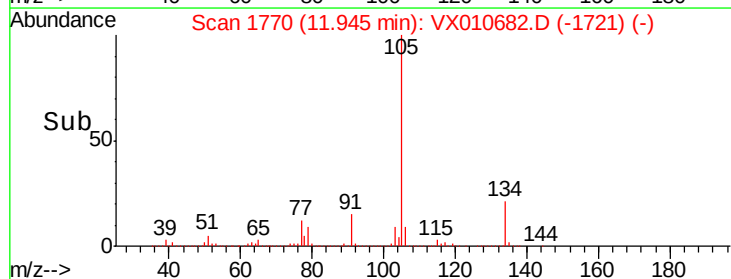
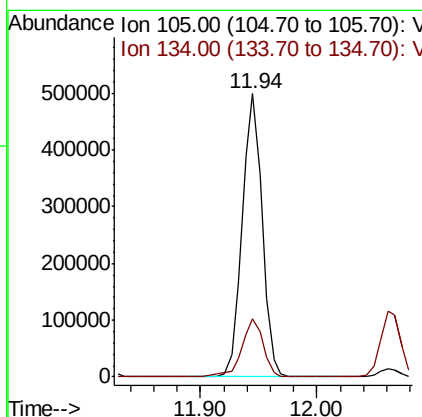
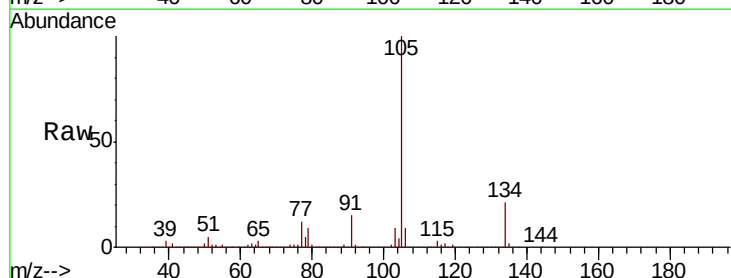
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

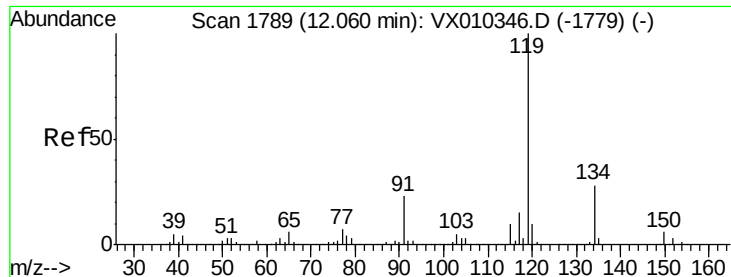
Tot Ion:105 Resp: 484805
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 56.714 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion:105 Resp: 597508
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.7 31.9

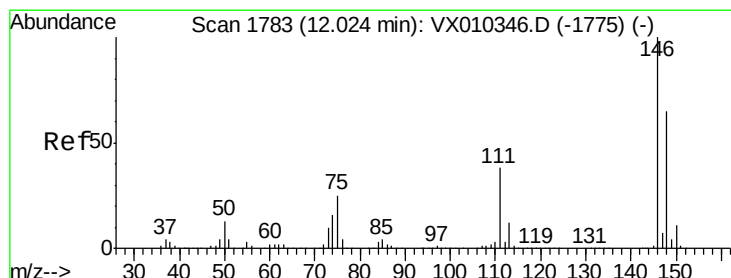
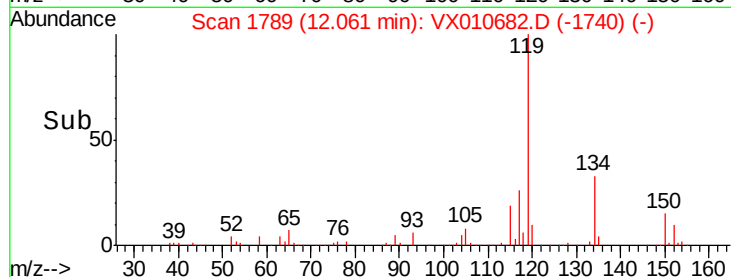
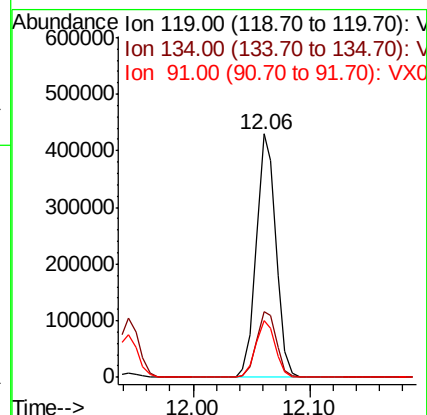
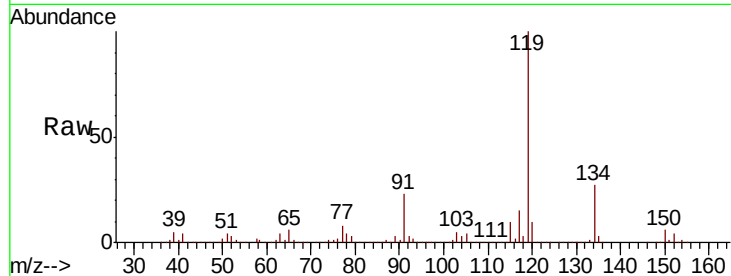




#86
p-Isopropyltoluene
Concen: 52.015 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

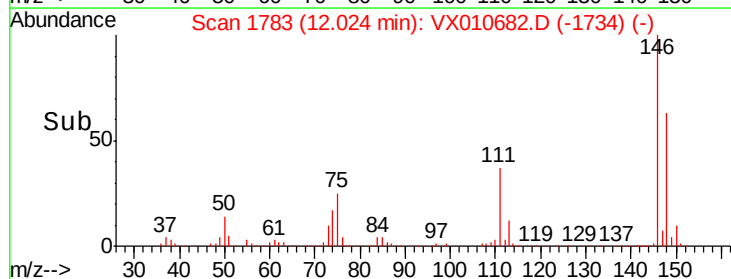
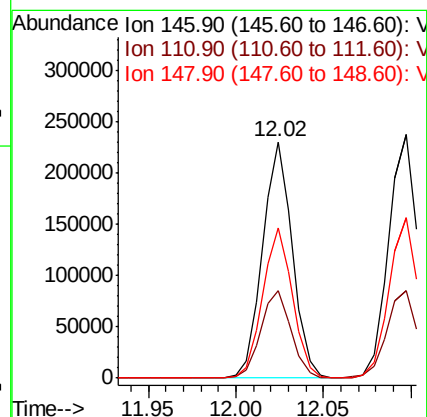
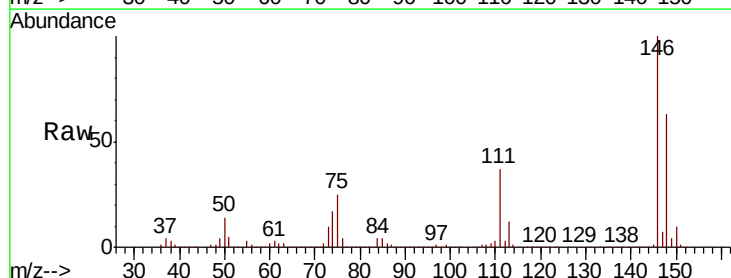
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

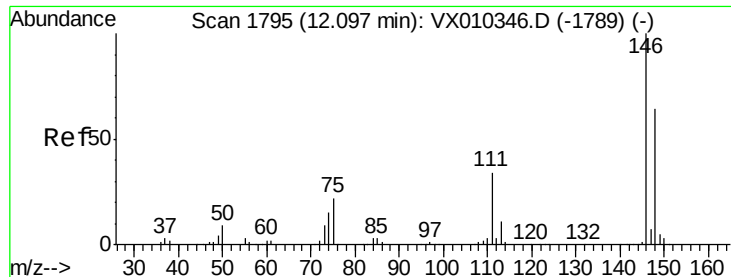
Tot Ion:119 Resp: 506882
Ion Ratio Lower Upper
119 100
134 27.4 13.7 41.1
91 23.3 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 52.045 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion:146 Resp: 275097
Ion Ratio Lower Upper
146 100
111 37.5 19.1 57.1
148 63.7 32.5 97.4

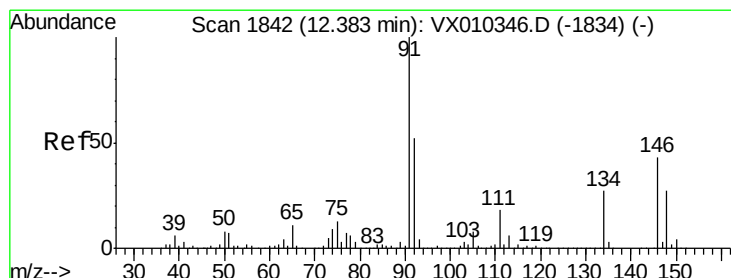
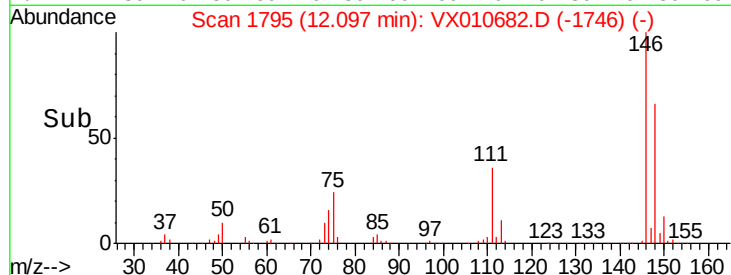
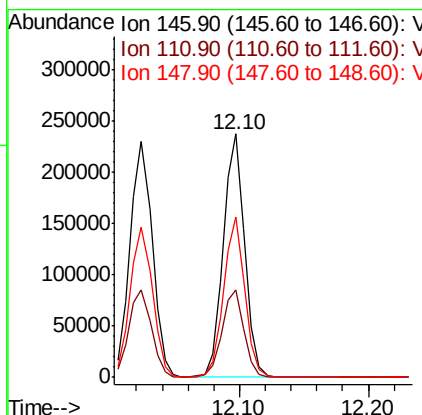
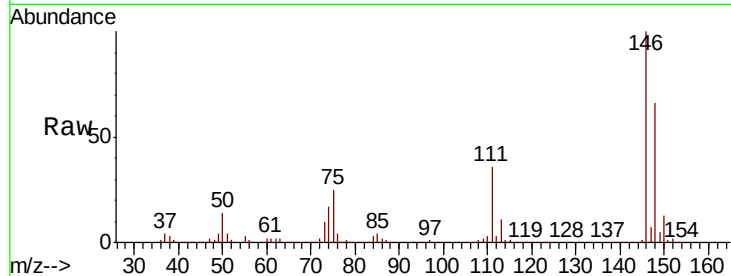




#88
 1,4-Dichlorobenzene
 Concen: 51.681 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

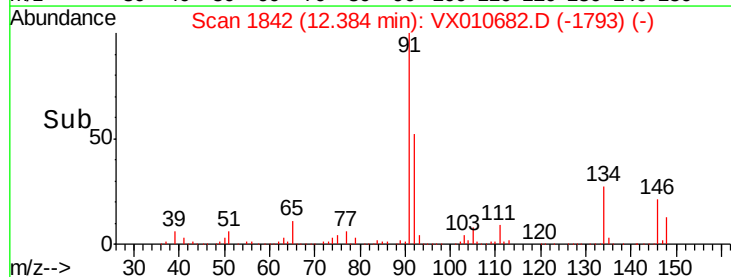
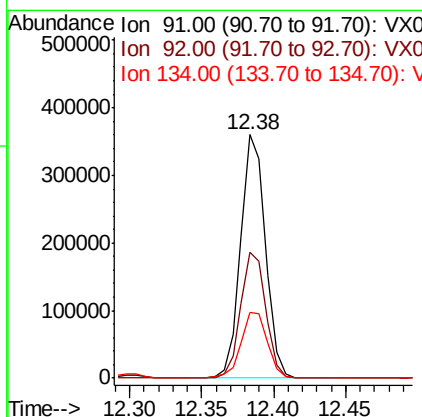
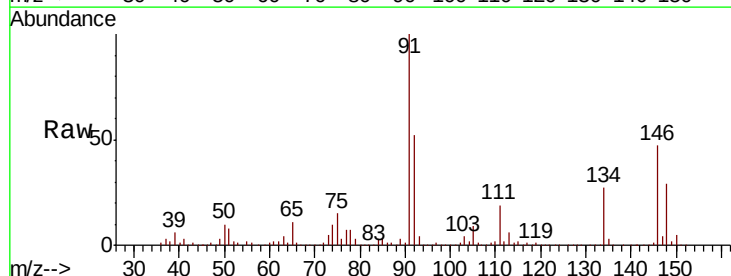
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

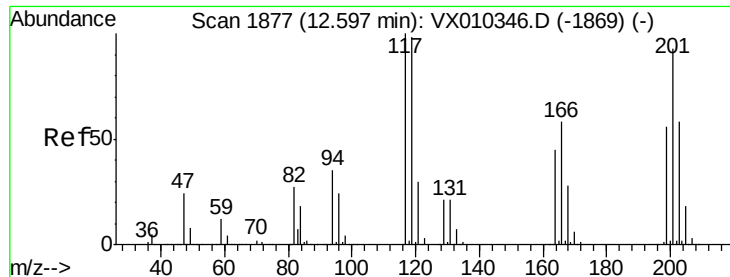
Tot Ion:146 Resp: 278103
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 65.4 32.1 96.3



#89
 n-Butylbenzene
 Concen: 51.906 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 91 Resp: 429827
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.2 78.5
 134 28.8 14.1 42.4

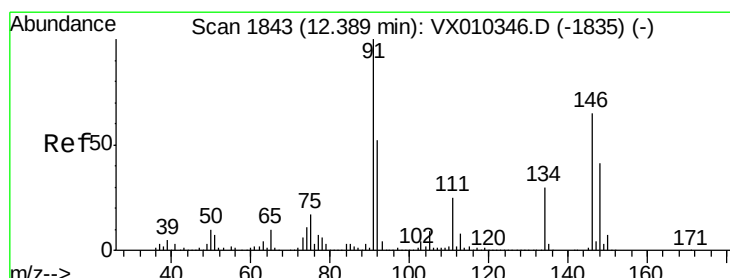
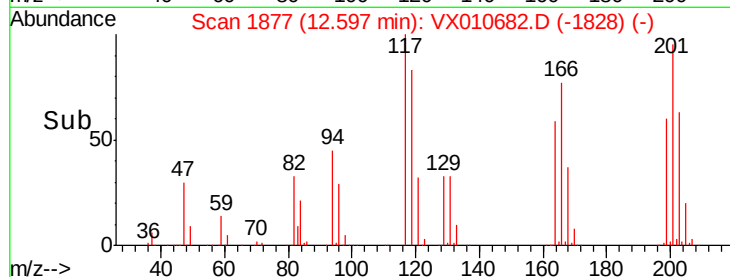
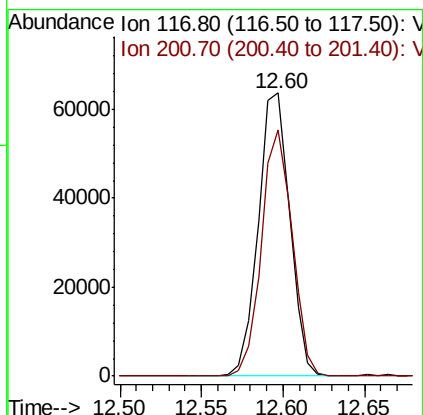
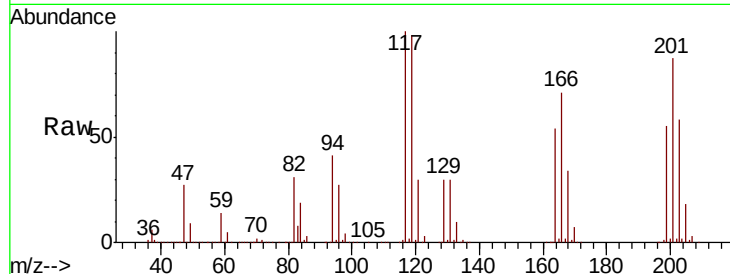




#90
Hexachloroethane
Concen: 51.002 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

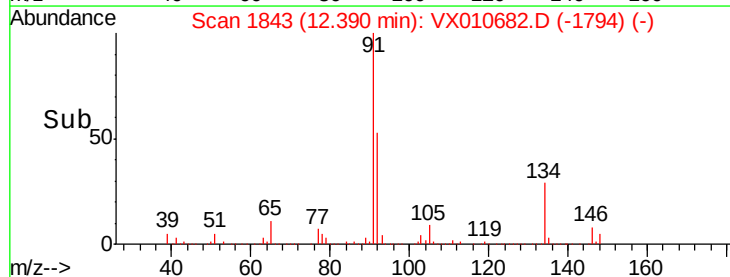
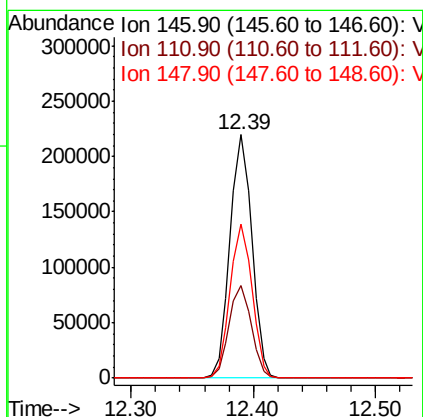
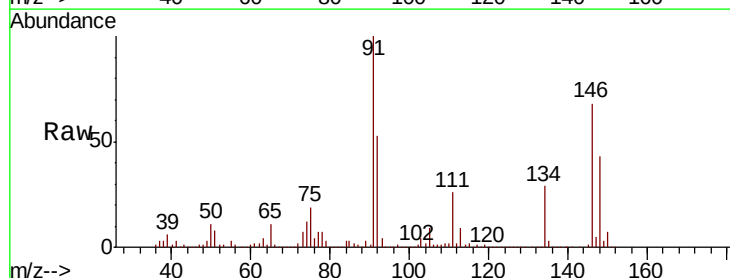
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

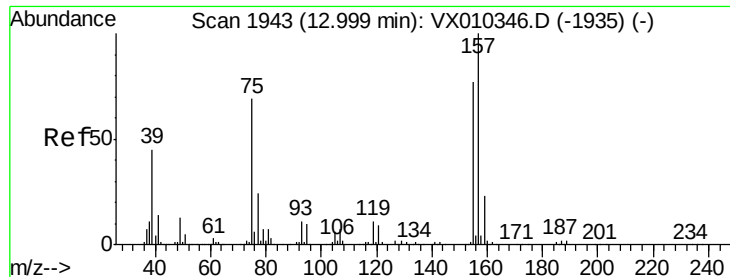
Tot Ion:117 Resp: 85941
Ion Ratio Lower Upper
117 100
201 84.5 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 51.808 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion:146 Resp: 272167
Ion Ratio Lower Upper
146 100
111 38.8 19.2 57.6
148 63.3 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.500 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

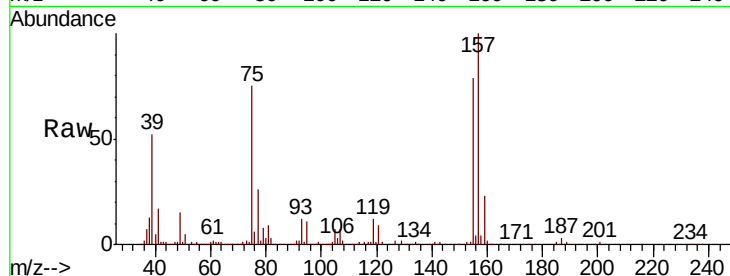
Tot Ion: 75 Resp: 40652

Ion Ratio Lower Upper

75 100

155 98.3 54.4 163.1

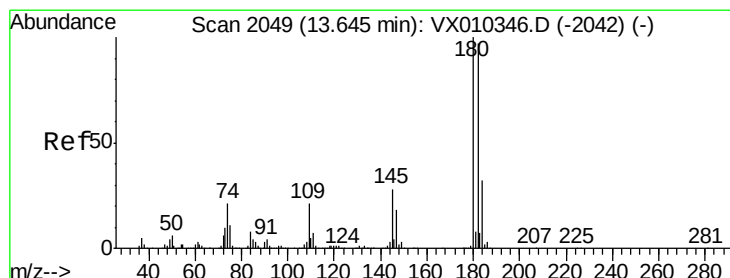
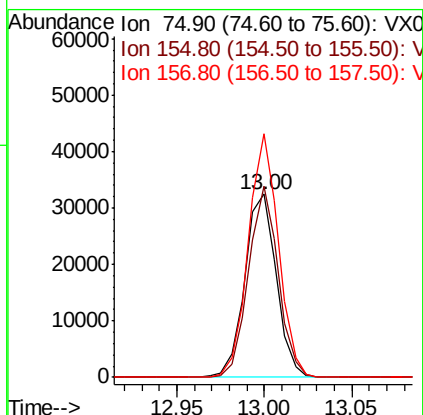
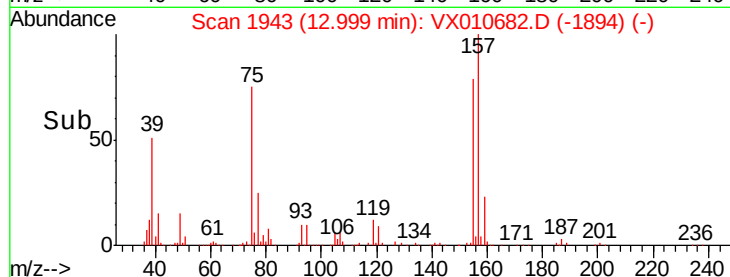
157 126.7 69.5 208.3



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: 50.604 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

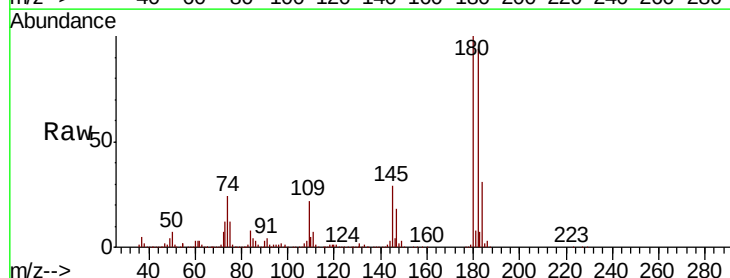
Tgt Ion:180 Resp: 184357

Ion Ratio Lower Upper

180 100

182 93.9 48.0 144.0

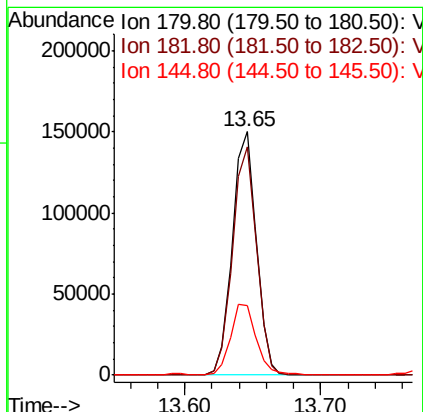
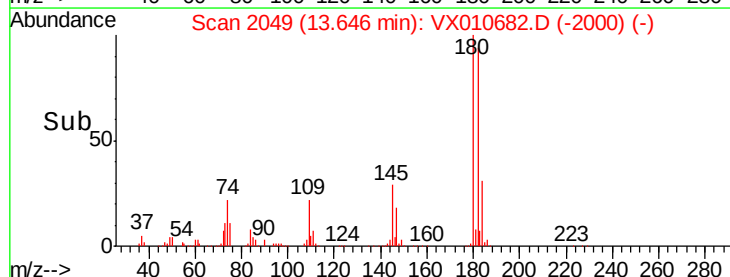
145 31.3 14.4 43.4

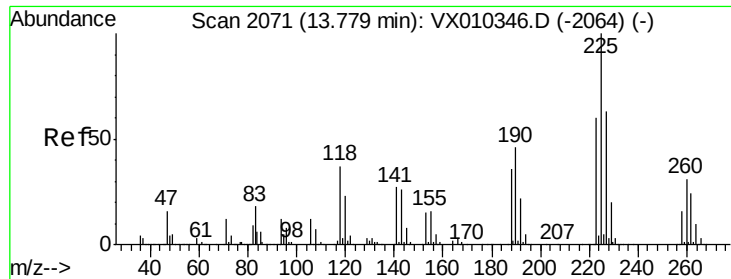


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 49.174 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

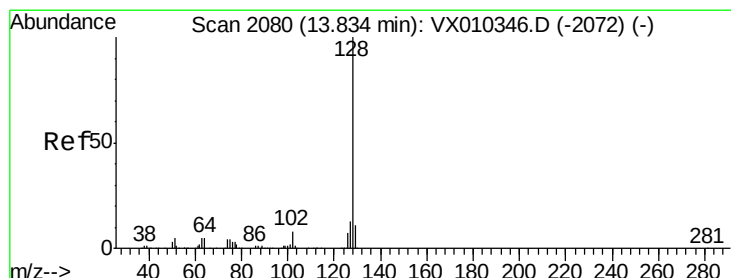
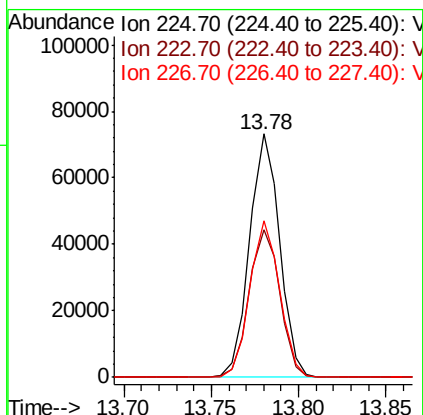
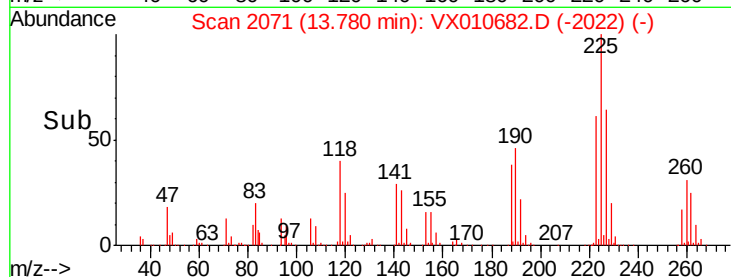
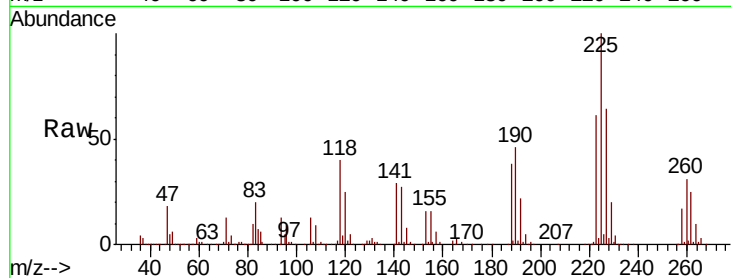
Tot Ion:225 Resp: 87556

Ion Ratio Lower Upper

225 100

223 62.3 30.9 92.7

227 63.7 31.9 95.5



#95

Naphthalene

Concen: 52.515 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

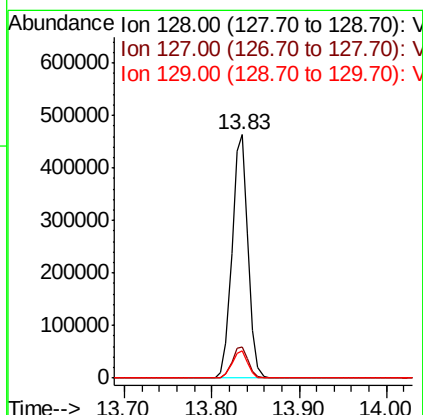
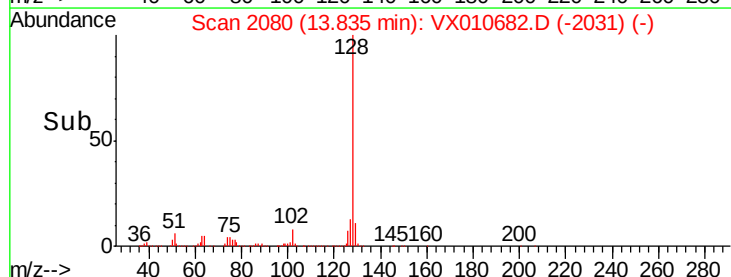
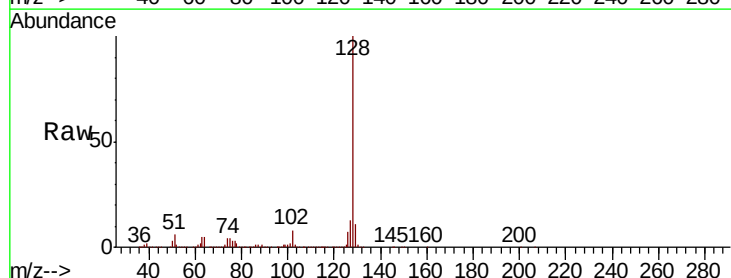
Tgt Ion:128 Resp: 587931

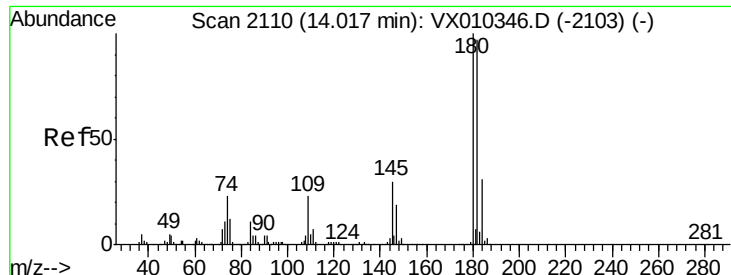
Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.9 13.3

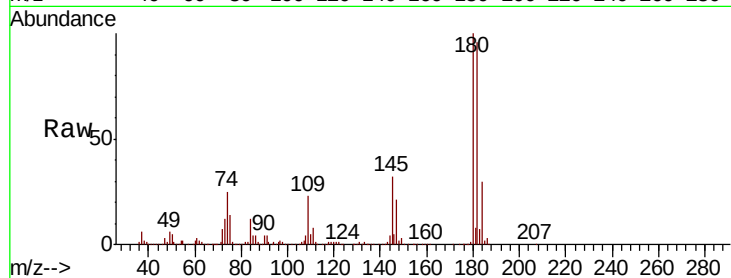




#96
 1,2,3-Trichlorobenzene
 Concen: 50.892 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	32.8	15.2	45.6



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

