

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010681.D
 Acq On : 04 Jul 2019 10:35
 Operator : JC/SP
 Sample : K3669-13MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Quant Time: Jul 05 00:59:41 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	214195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158930	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110702	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	
35) Dibromofluoromethane	5.49	113	104511	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
50) Toluene-d8	8.71	98	384637	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	143392	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	93347	62.685	ug/l	99
3) Chloromethane	1.32	50	98510	56.810	ug/l	99
4) Vinyl Chloride	1.41	62	108194	56.966	ug/l	98
5) Bromomethane	1.64	94	48383	52.290	ug/l	98
6) Chloroethane	1.72	64	66961	59.758	ug/l	98
7) Trichlorofluoromethane	1.93	101	177731	59.031	ug/l	100
8) Diethyl Ether	2.19	74	61991	57.414	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98912	54.211	ug/l	98
10) Methyl Iodide	2.51	142	116585	44.773	ug/l	97
11) Tert butyl alcohol	3.05	59	117890	224.337	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102488	55.202	ug/l	100
13) Acrolein	2.29	56	85732	245.928	ug/l	100
14) Allyl chloride	2.73	41	138588	52.578	ug/l	98
15) Acrylonitrile	3.14	53	294837	283.377	ug/l	99
16) Acetone	2.45	43	238900	237.359	ug/l	97
17) Carbon Disulfide	2.57	76	260470	52.293	ug/l	100
18) Methyl Acetate	2.78	43	99980	49.840	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	330420	56.572	ug/l	98
20) Methylene Chloride	2.85	84	115864	55.938	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	109169	54.672	ug/l	98
22) Diisopropyl ether	3.85	45	312984	56.793	ug/l	92
23) Vinyl Acetate	3.81	43	1169582	245.667	ug/l	98
24) 1,1-Dichloroethane	3.70	63	178670	56.088	ug/l	99
25) 2-Butanone	4.67	43	392257	265.685	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67312	24.325	ug/l	83
27) cis-1,2-Dichloroethene	4.60	96	222680	96.505	ug/l	95
28) Bromochloromethane	5.01	49	79730	52.349	ug/l	95
29) Tetrahydrofuran	5.13	42	256084	280.029	ug/l	98
30) Chloroform	5.21	83	191027	55.735	ug/l	97
31) Cyclohexane	5.57	56	161300	55.604	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	166758	55.101	ug/l	99
36) 1,1-Dichloropropene	5.80	75	139214	52.324	ug/l	98
37) Ethyl Acetate	4.83	43	129459	47.298	ug/l	98
38) Carbon Tetrachloride	5.79	117	146619	50.890	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175618	50.216	ug/l	97
40) Benzene	6.14	78	444840	53.666	ug/l	98
41) Methacrylonitrile	5.04	41	79716	53.080	ug/l	99
42) 1,2-Dichloroethane	6.19	62	147639	58.513	ug/l	97
43) Isopropyl Acetate	6.45	43	223500	49.354	ug/l	98
44) Trichloroethene	7.21	130	127119	51.252	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111714	53.370	ug/l	100
46) Dibromomethane	7.66	93	81942	54.561	ug/l	94
47) Bromodichloromethane	7.90	83	143987	52.315	ug/l	98
48) Methyl methacrylate	7.77	41	117207	55.682	ug/l	99
49) 1,4-Dioxane	7.74	88	53108	875.831	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	797839	275.472	ug/l	98
52) Toluene	8.78	92	286956	52.569	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138910	45.017	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153689	45.832	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	120411	53.486	ug/l	98
56) Ethyl methacrylate	9.18	69	182991	53.658	ug/l	96
57) 1,3-Dichloropropane	9.37	76	188278	53.876	ug/l	100
59) 2-Hexanone	9.49	43	609736	267.491	ug/l	98
60) Dibromochloromethane	9.58	129	126525	50.195	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128397	52.839	ug/l	99
64) Tetrachloroethene	9.34	164	114846	46.059	ug/l	99
65) Chlorobenzene	10.14	112	819859	130.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	116681	51.182	ug/l	99
67) Ethyl Benzene	10.25	91	558134	52.824	ug/l	99
68) m/p-Xylenes	10.36	106	424814	103.763	ug/l	99
69) o-Xylene	10.69	106	209342	51.996	ug/l	98
70) Styrene	10.71	104	354880	52.559	ug/l	99
71) Bromoform	10.85	173	96893	48.874	ug/l #	99
73) Isopropylbenzene	11.02	105	566017	52.538	ug/l	98
74) N-amyl acetate	10.90	43	189107	46.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183542	51.443	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	190299	65.708	ug/l	80
77) Bromobenzene	11.26	156	150172	49.920	ug/l	96
78) n-propylbenzene	11.36	91	615241	51.961	ug/l	99
79) 2-Chlorotoluene	11.42	91	363515	51.557	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	465298	52.390	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	42778	34.459	ug/l	90
82) 4-Chlorotoluene	11.51	91	422754	52.693	ug/l	99
83) tert-Butylbenzene	11.77	119	497887	55.853	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	469012	52.562	ug/l	99
85) sec-Butylbenzene	11.94	105	578147	55.238	ug/l	98
86) p-Isopropyltoluene	12.06	119	492132	50.834	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	262696	50.027	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	270049	50.515	ug/l	99
89) n-Butylbenzene	12.38	91	417597	50.762	ug/l	100
90) Hexachloroethane	12.60	117	81124	48.461	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	263282	50.447	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38556	50.121	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	175450	48.477	ug/l	99

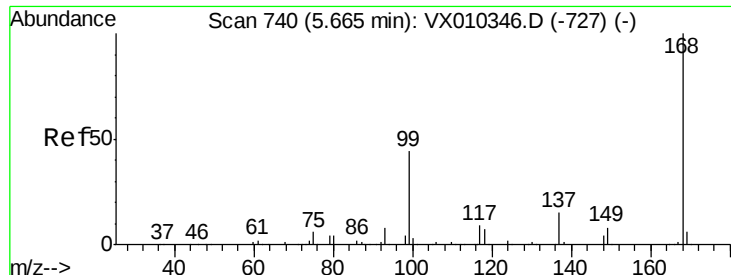
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	83931	47.449	ug/l	98
95) Naphthalene	13.83	128	562579	50.582	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	180308	50.107	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: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

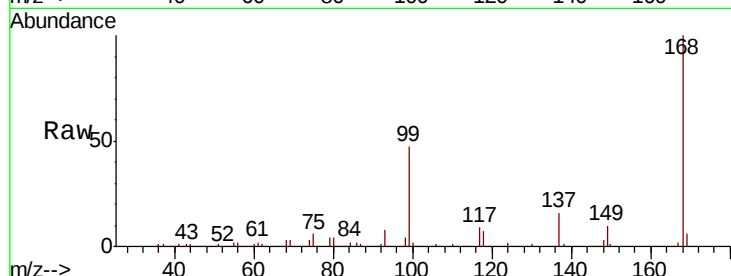
SS038RW151-190702MS

Tot Ion:168 Resp: 214195

Ion Ratio Lower Upper

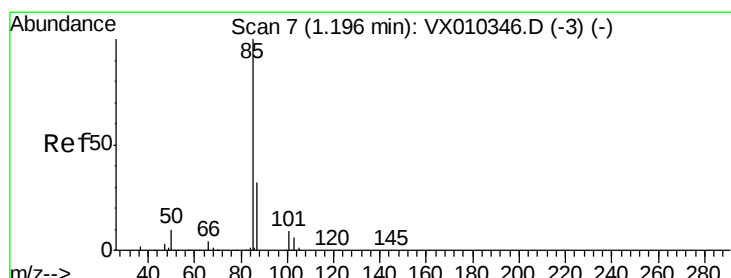
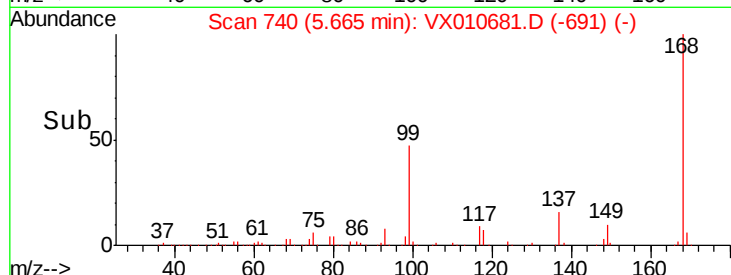
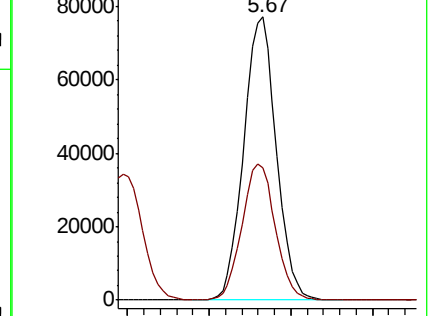
168 100

99 46.5 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: 62.685 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010681.D

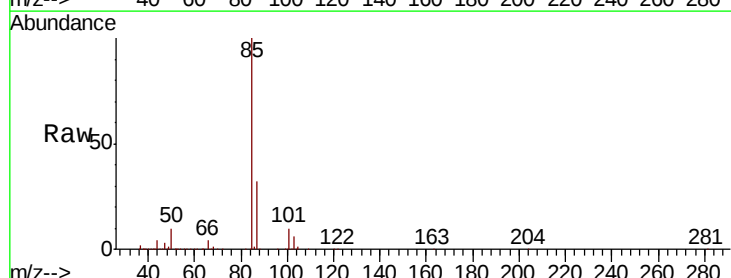
Acq: 04 Jul 2019 10:35

Tgt Ion: 85 Resp: 93347

Ion Ratio Lower Upper

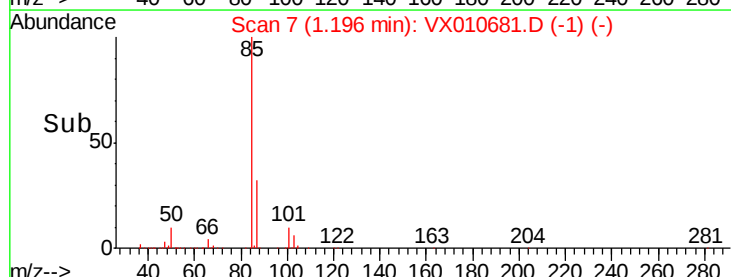
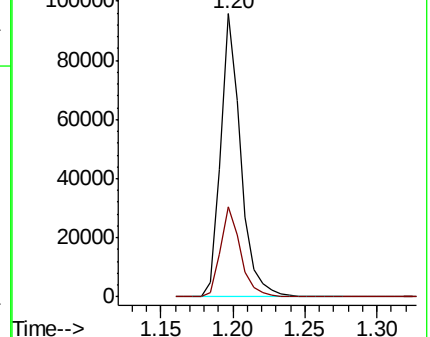
85 100

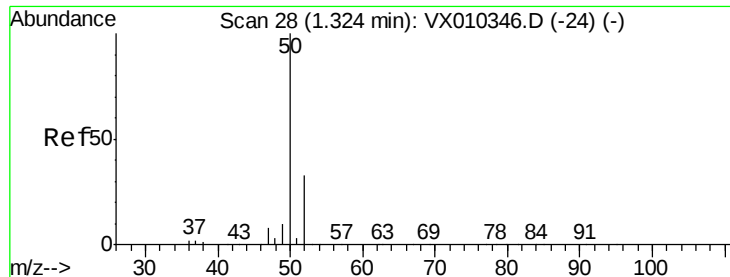
87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

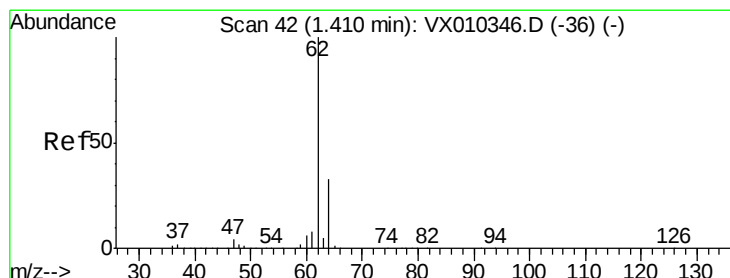
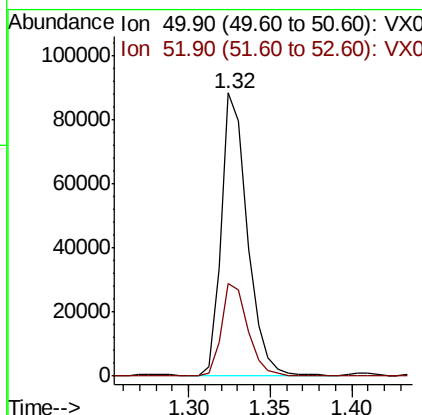
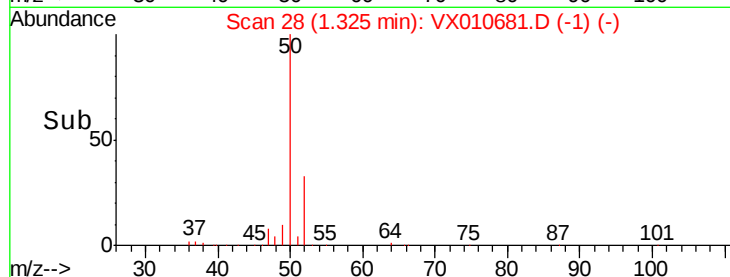
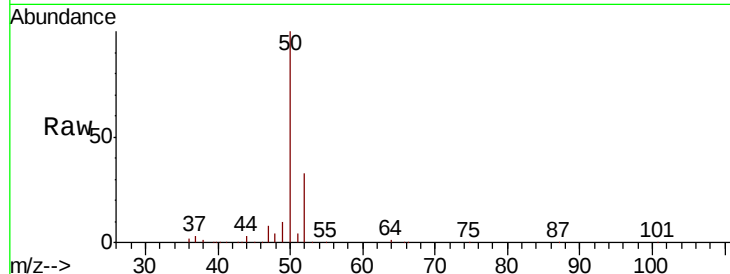




#3
Chloromethane
Concen: 56.810 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

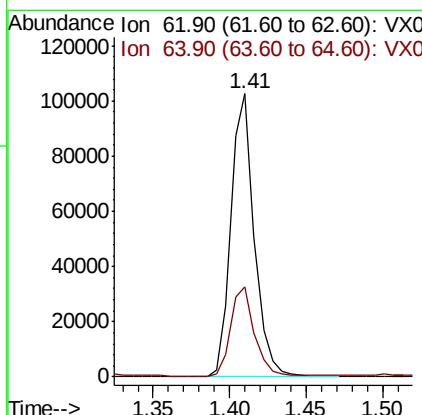
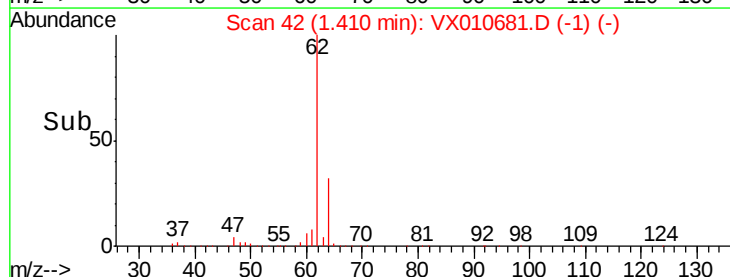
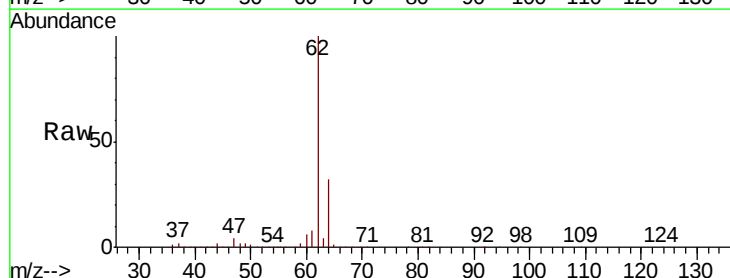
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion: 50 Resp: 98510
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 56.966 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 62 Resp: 108194
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.4





#5

Bromomethane

Concen: 52.290 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

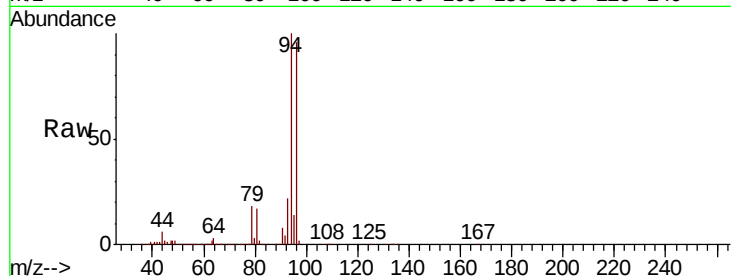
SS038RW151-190702MS

Tot Ion: 94 Resp: 48383

Ion Ratio Lower Upper

94 100

96 96.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

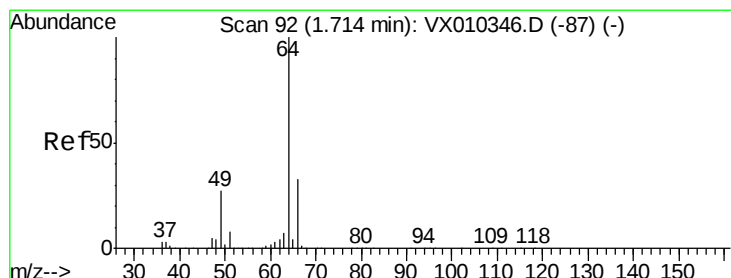
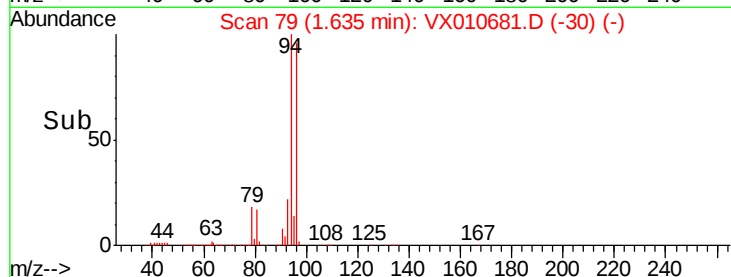
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 59.758 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010681.D

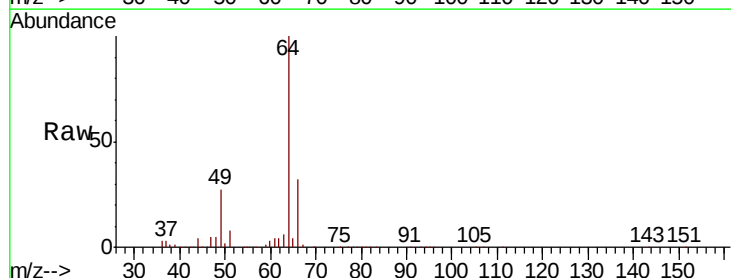
Acq: 04 Jul 2019 10:35

Tgt Ion: 64 Resp: 66961

Ion Ratio Lower Upper

64 100

66 32.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

30000

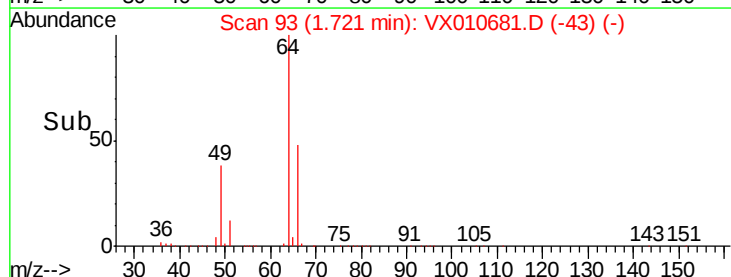
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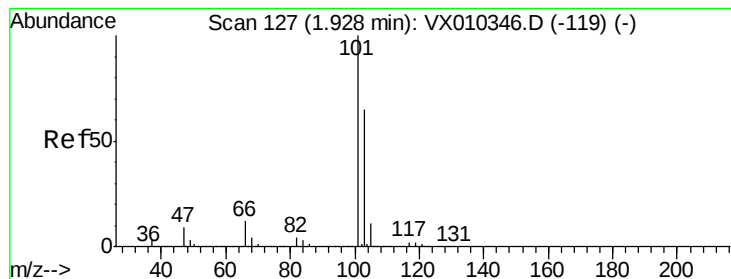
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Time-->

1.65 1.70 1.75 1.80 1.85



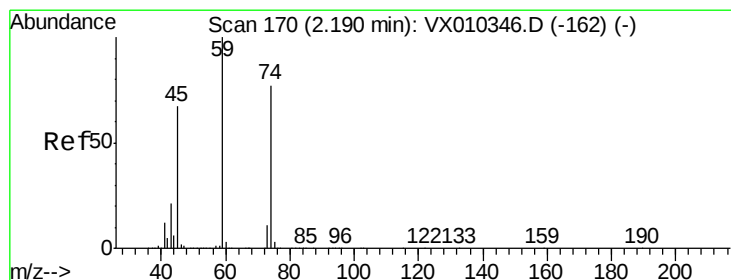
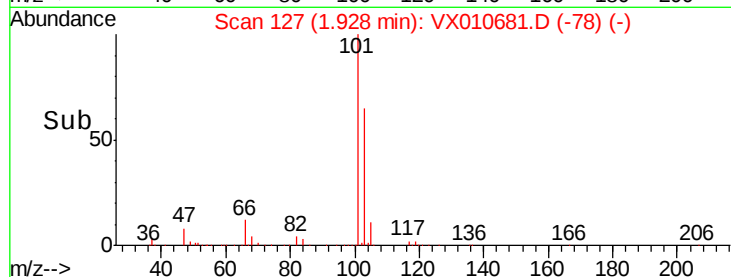
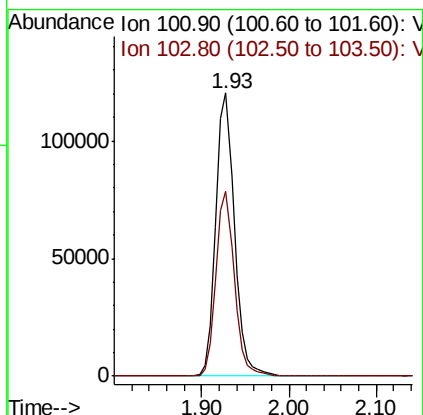
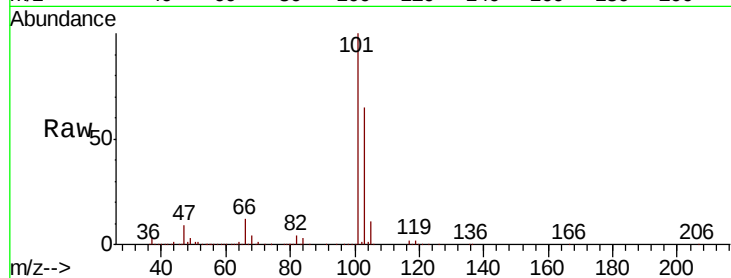


#7

Trichlorofluoromethane
 Concen: 59.031 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

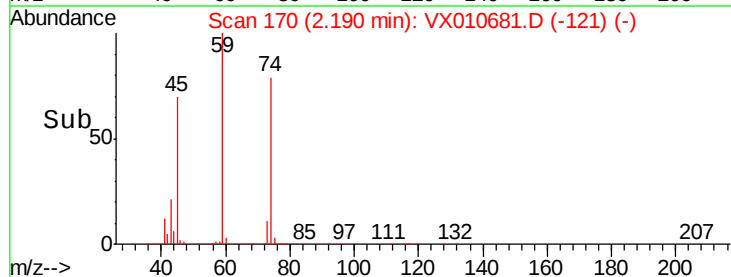
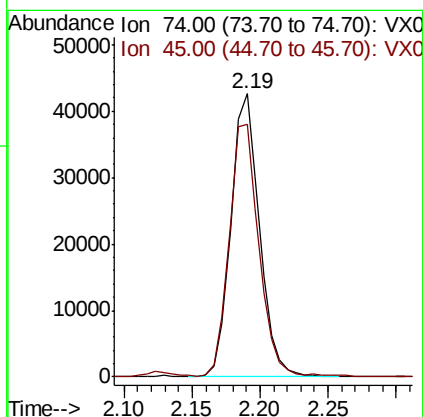
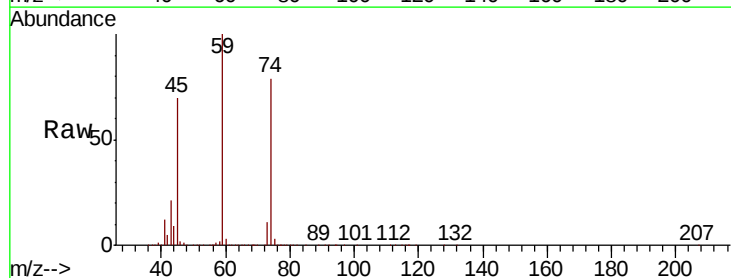
Tot Ion:101 Resp: 177731
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.3 78.5



#8

Diethyl Ether
 Concen: 57.414 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 74 Resp: 61991
 Ion Ratio Lower Upper
 74 100
 45 92.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.211 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

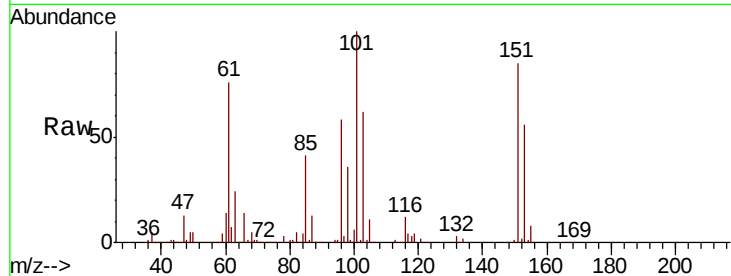
Tot Ion:101 Resp: 98912

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

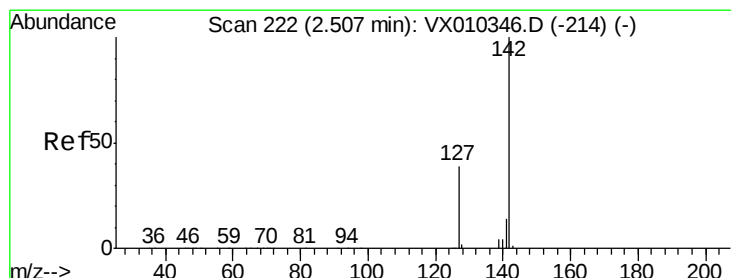
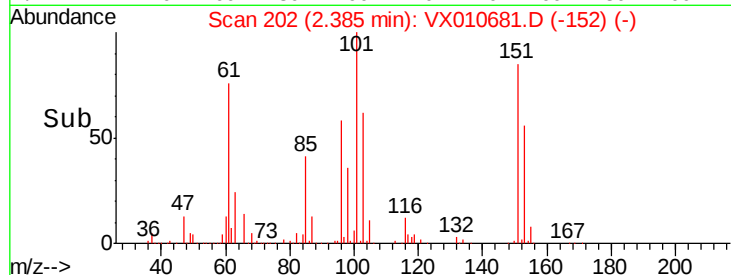
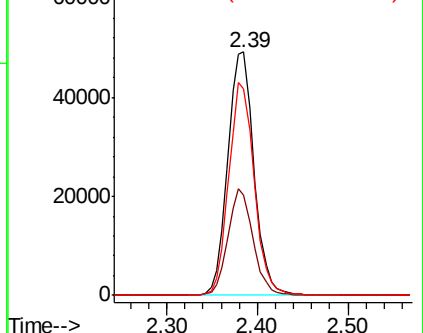
151 84.9 70.1 105.1



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: 44.773 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

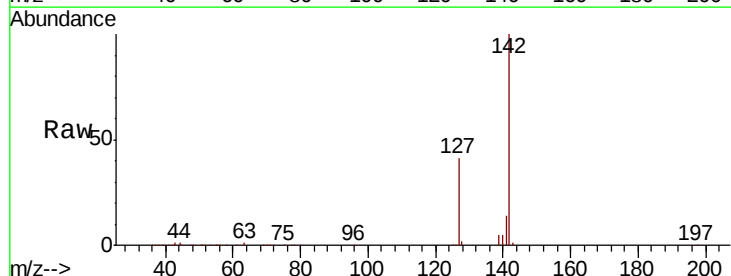
Tgt Ion:142 Resp: 116585

Ion Ratio Lower Upper

142 100

127 41.5 31.1 46.7

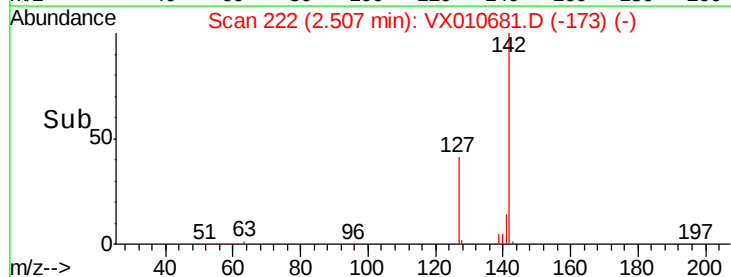
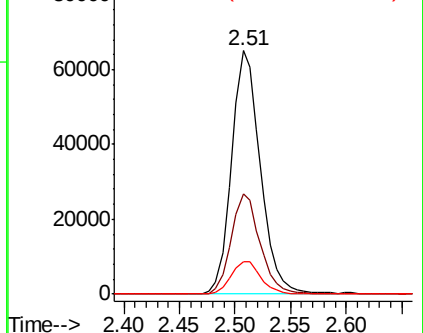
141 14.1 11.2 16.8



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



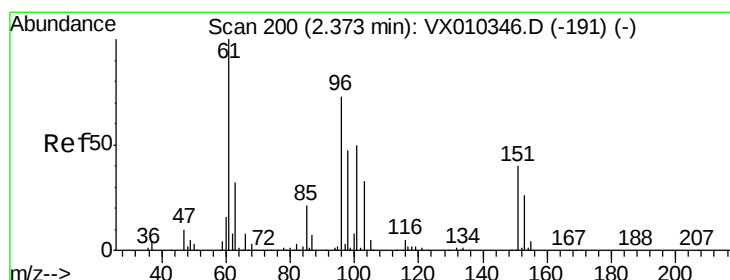
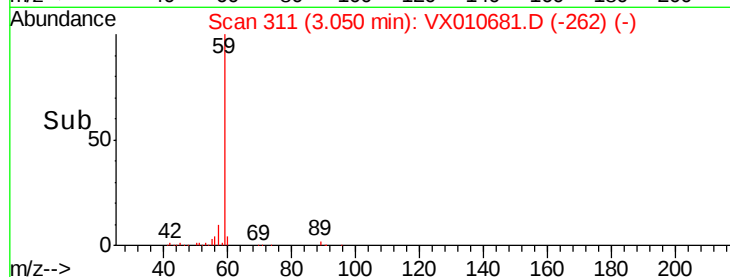
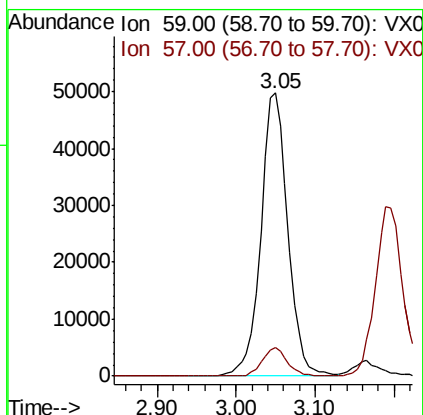
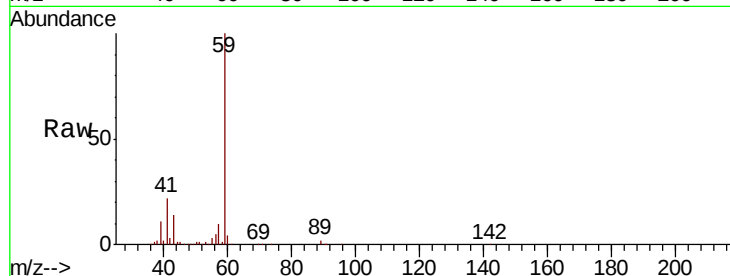


#11

Tert butyl alcohol
 Concen: 224.337 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

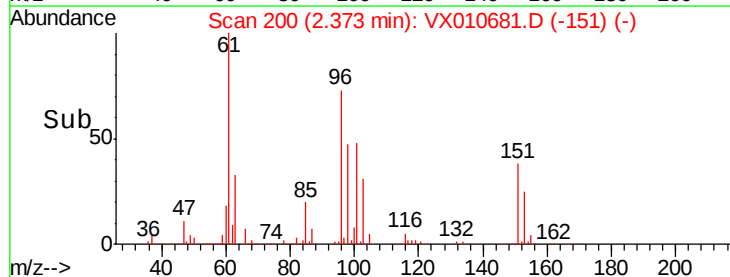
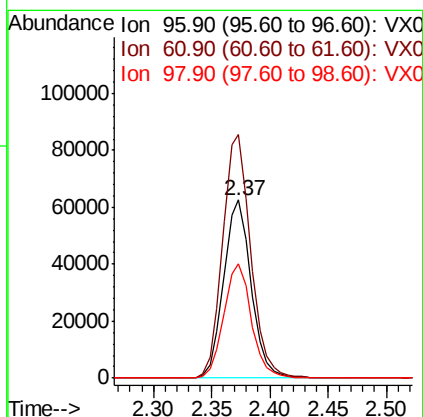
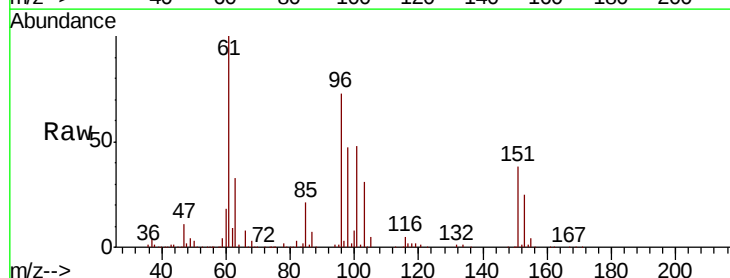
Tot Ion: 59 Resp: 117890
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.7 11.5



#12

1,1-Dichloroethene
 Concen: 55.202 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 96 Resp: 102488
 Ion Ratio Lower Upper
 96 100
 61 136.5 109.2 163.8
 98 64.3 51.1 76.7





#13

Acrolein

Concen: 245.928 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

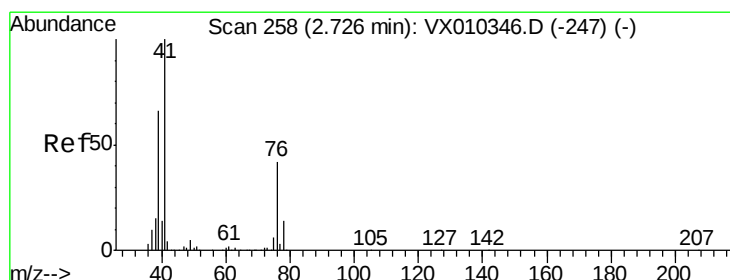
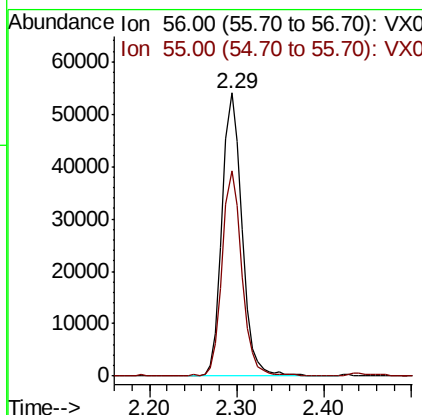
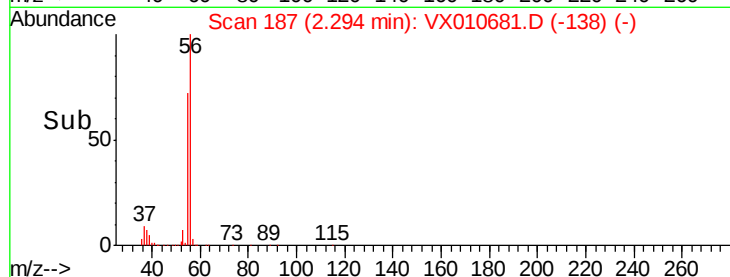
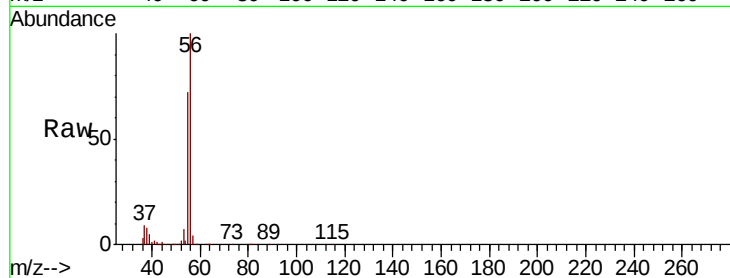
SS038RW151-190702MS

Tot Ion: 56 Resp: 85732

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 52.578 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

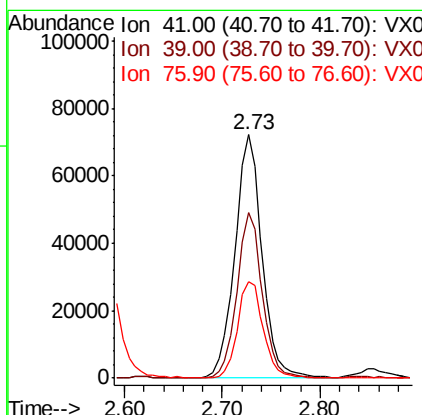
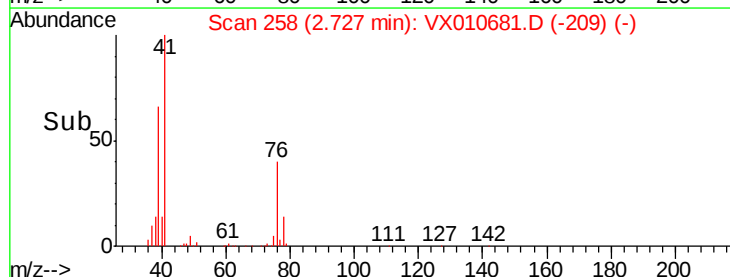
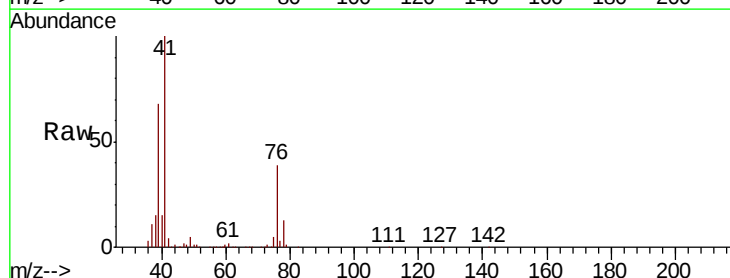
Tgt Ion: 41 Resp: 138588

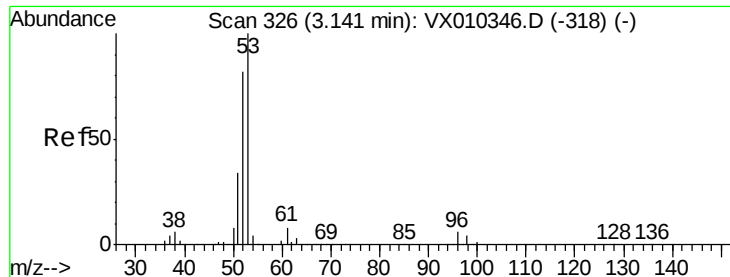
Ion Ratio Lower Upper

41 100

39 63.6 50.3 75.5

76 37.3 31.3 46.9





#15

Acrylonitrile

Concen: 283.377 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

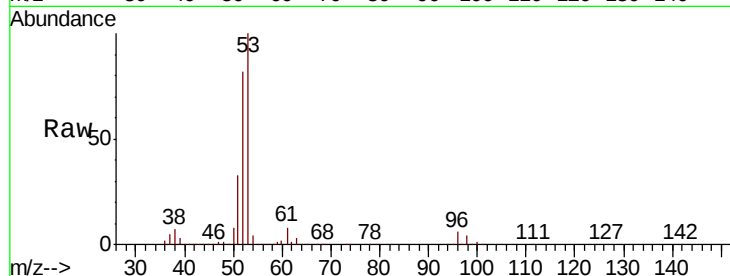
Tot Ion: 53 Resp: 294837

Ion Ratio Lower Upper

53 100

52 82.7 65.5 98.3

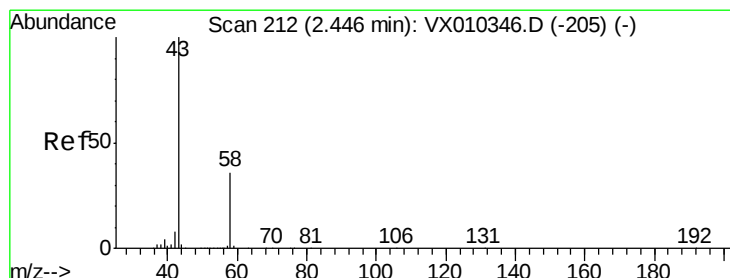
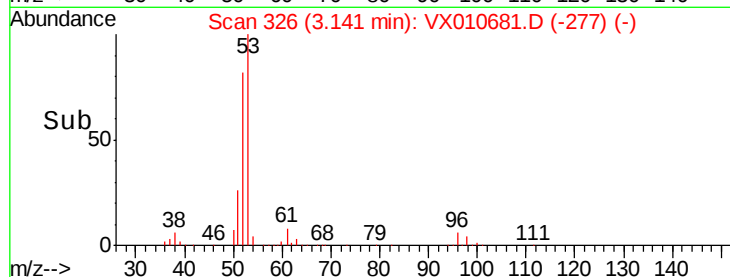
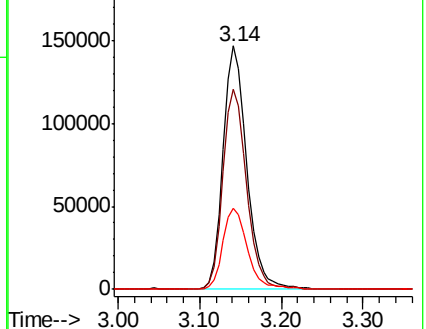
51 35.1 28.2 42.4



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: 237.359 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010681.D

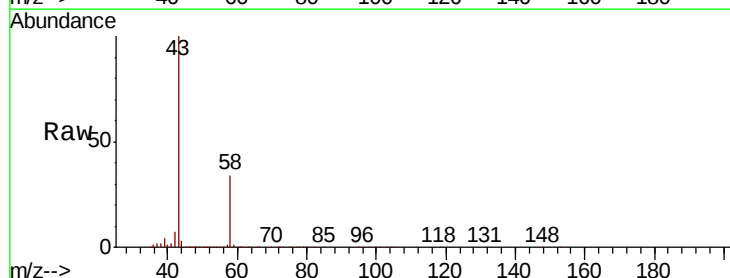
Acq: 04 Jul 2019 10:35

Tgt Ion: 43 Resp: 238900

Ion Ratio Lower Upper

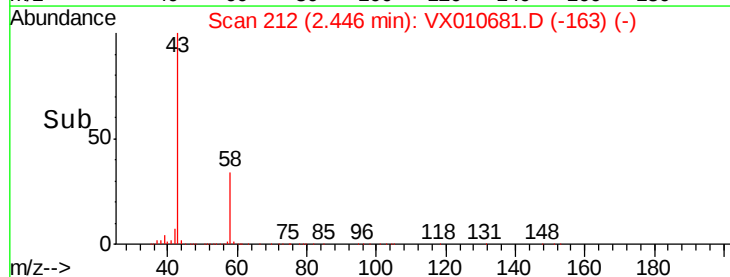
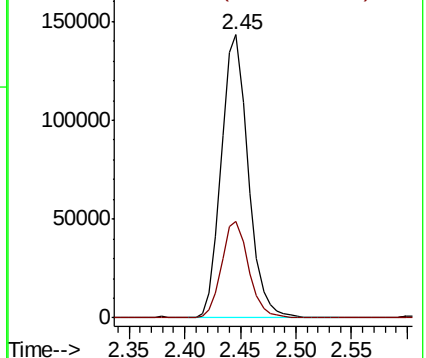
43 100

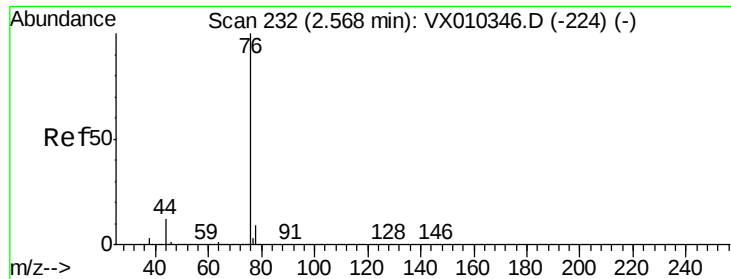
58 34.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 52.293 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

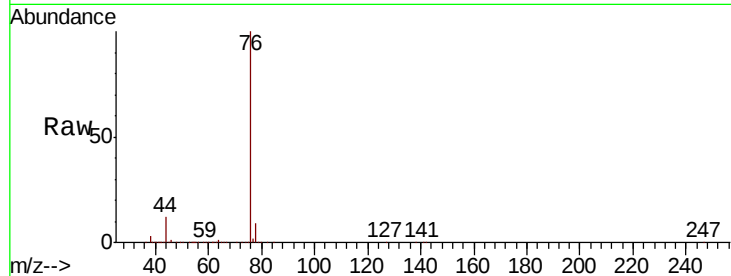
SS038RW151-190702MS

Tot Ion: 76 Resp: 260470

Ion Ratio Lower Upper

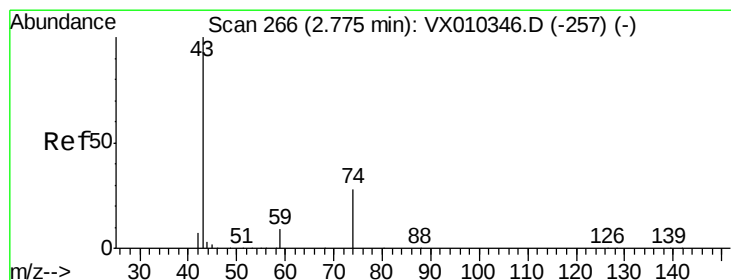
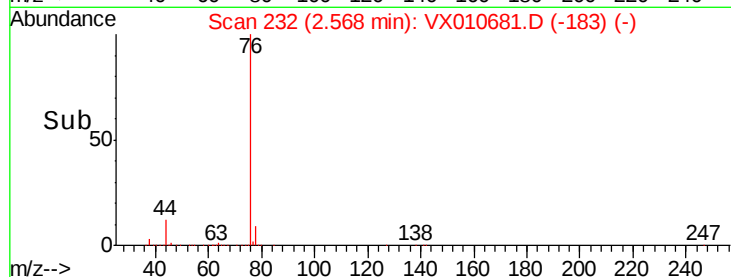
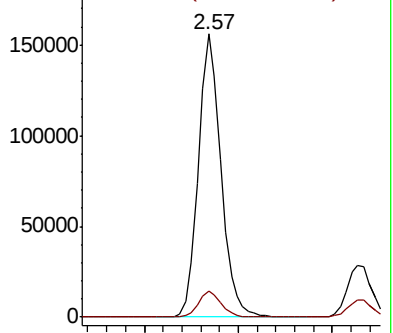
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.840 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010681.D

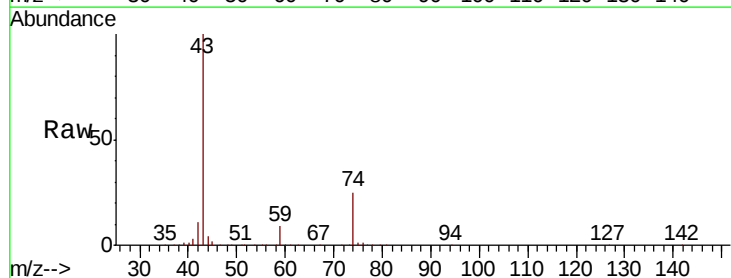
Acq: 04 Jul 2019 10:35

Tgt Ion: 43 Resp: 99980

Ion Ratio Lower Upper

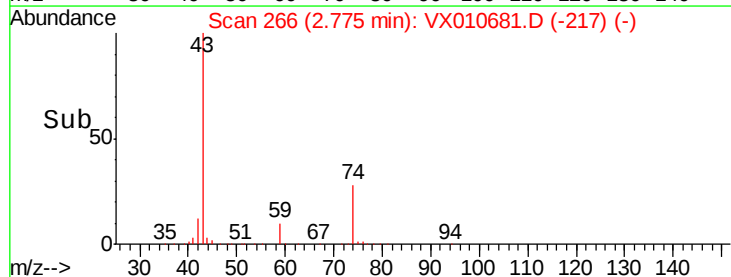
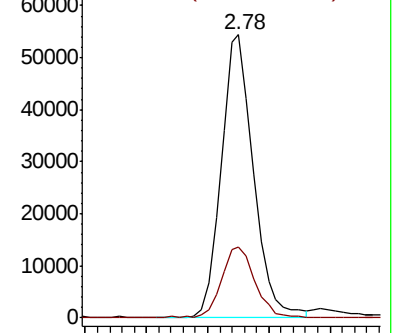
43 100

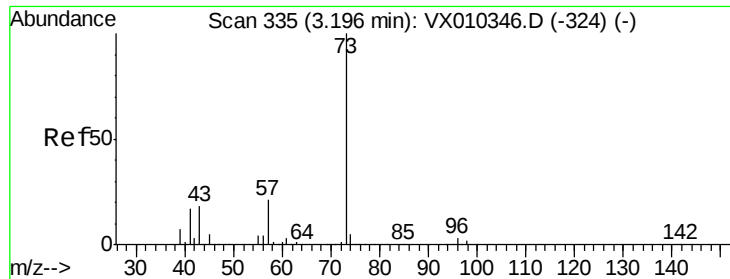
74 26.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

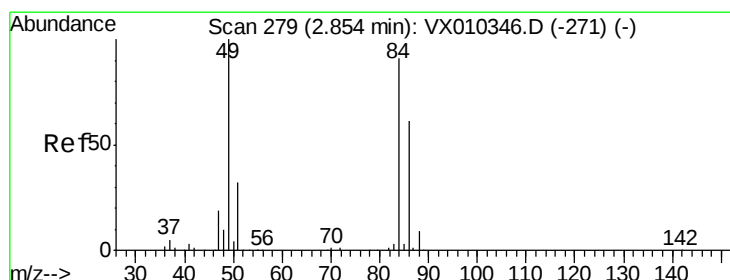
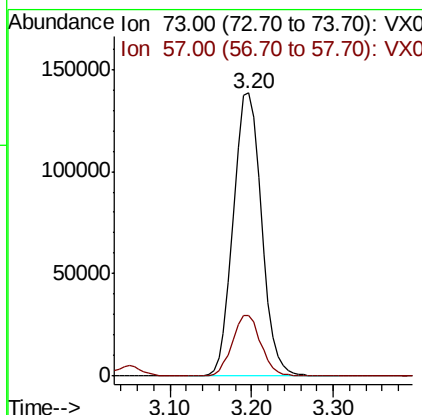
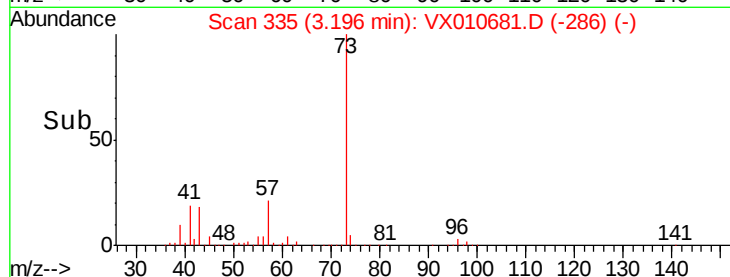
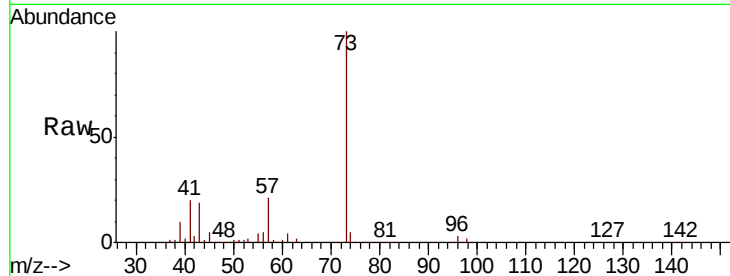




#19
Methyl tert-butyl Ether
Concen: 56.572 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

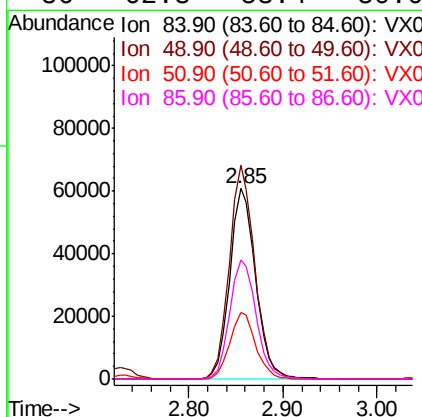
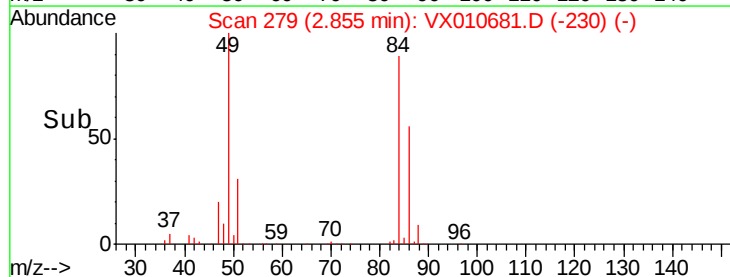
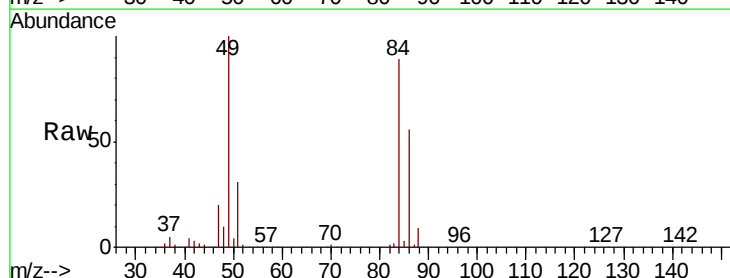
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

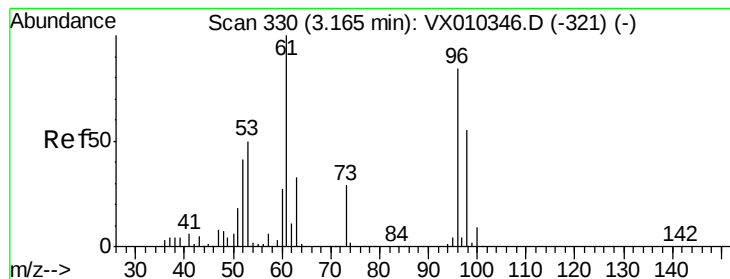
Tot Ion: 73 Resp: 330420
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 55.938 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 84 Resp: 115864
Ion Ratio Lower Upper
84 100
49 112.1 87.5 131.3
51 34.7 27.7 41.5
86 62.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 54.672 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

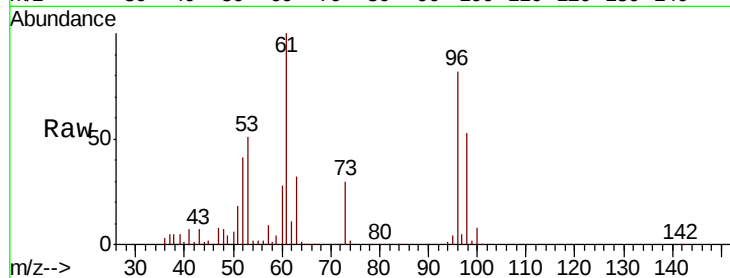
Tot Ion: 96 Resp: 109169

Ion Ratio Lower Upper

96 100

61 122.7 95.6 143.4

98 64.4 52.5 78.7

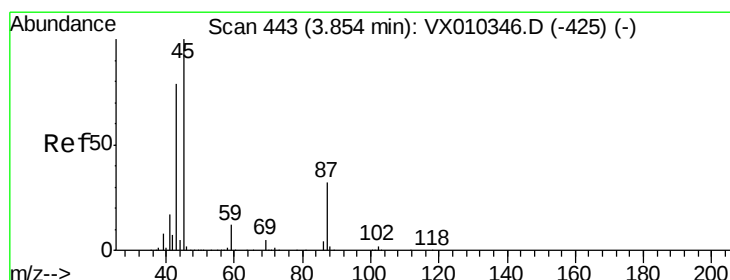
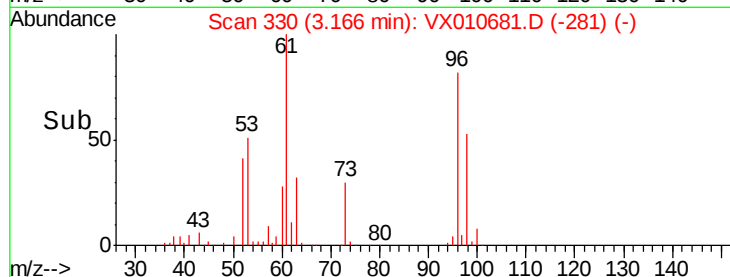
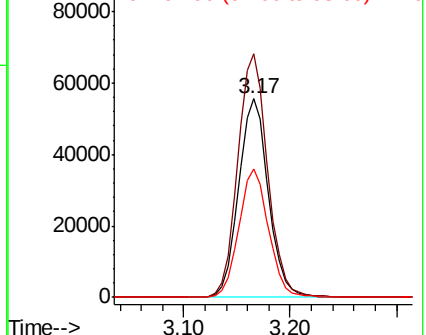


Abundance

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: 56.793 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion: 45 Resp: 312984

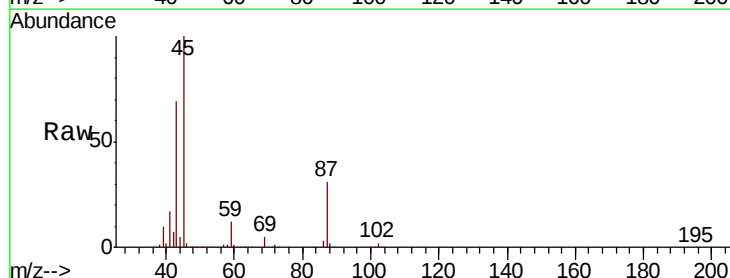
Ion Ratio Lower Upper

45 100

43 68.7 63.3 94.9

87 31.2 25.8 38.8

59 11.9 9.6 14.4



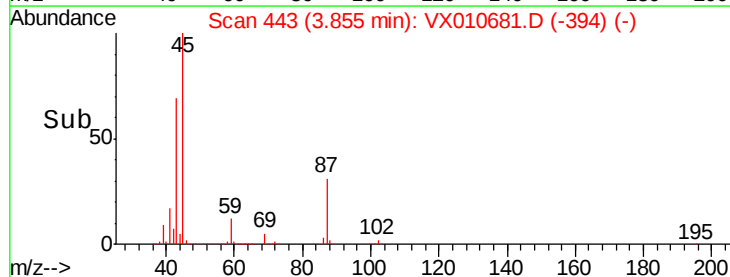
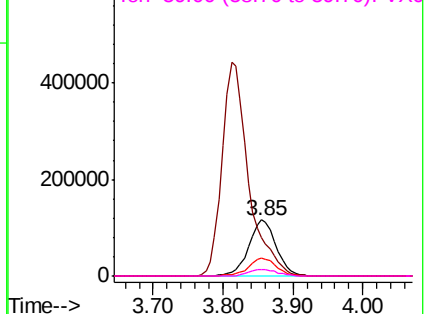
Abundance

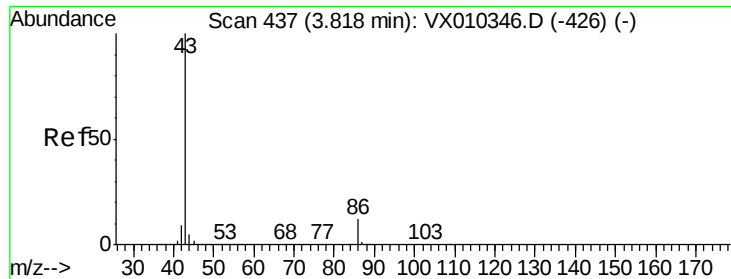
Ion 45.00 (44.70 to 45.70): VX0

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: 245.667 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

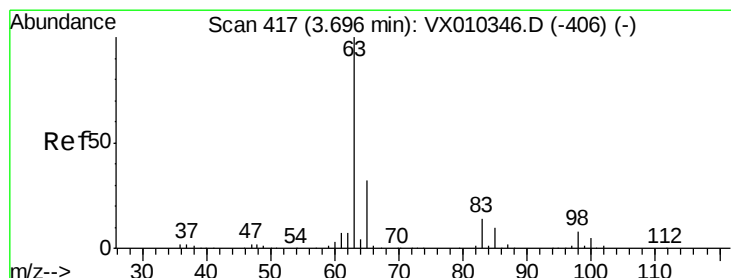
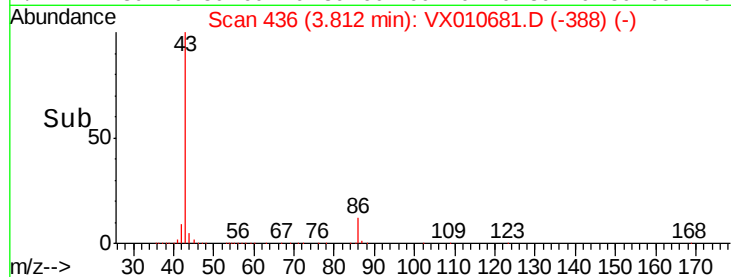
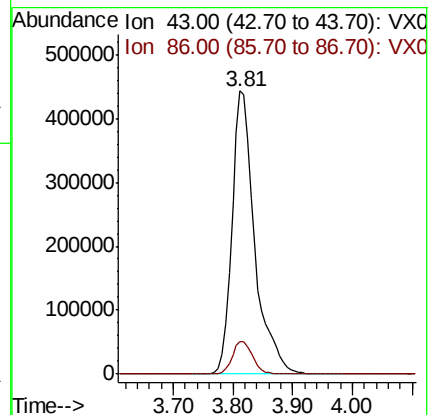
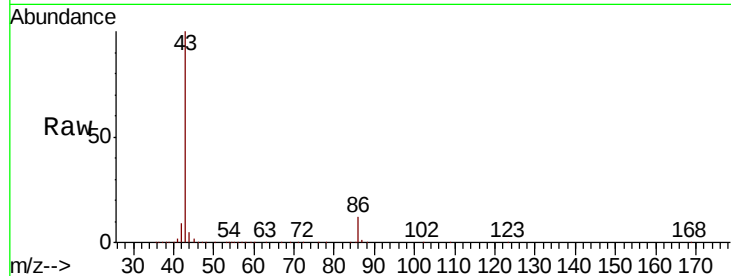
SS038RW151-190702MS

Tot Ion: 43 Resp: 1169582

Ion Ratio Lower Upper

43 100

86 11.7 9.9 14.9



#24

1,1-Dichloroethane

Concen: 56.088 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

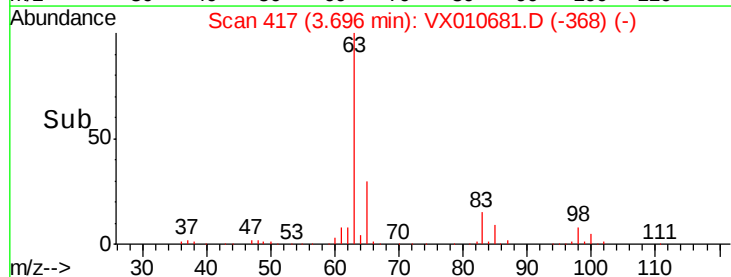
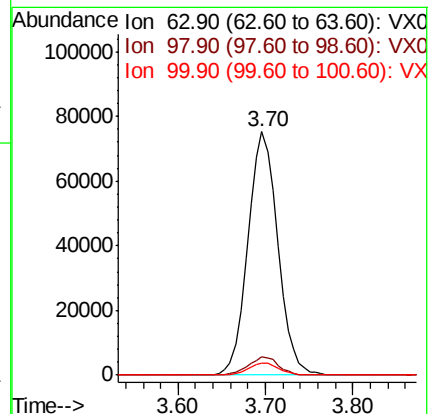
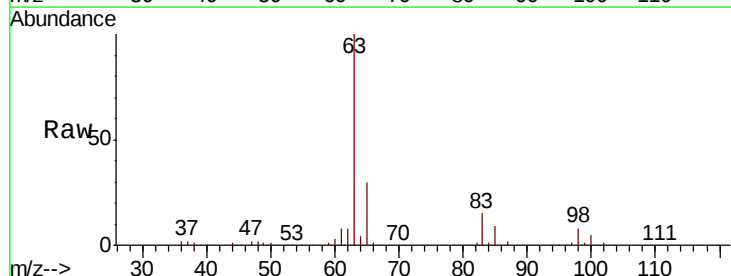
Tgt Ion: 63 Resp: 178670

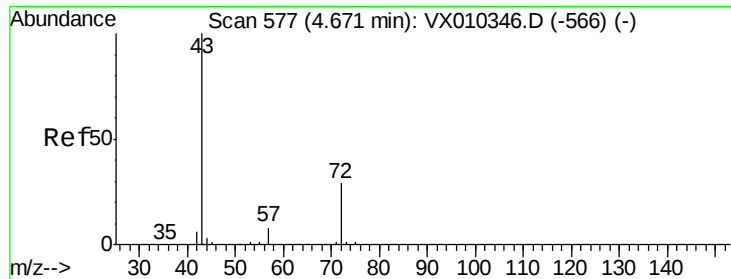
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 265.685 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

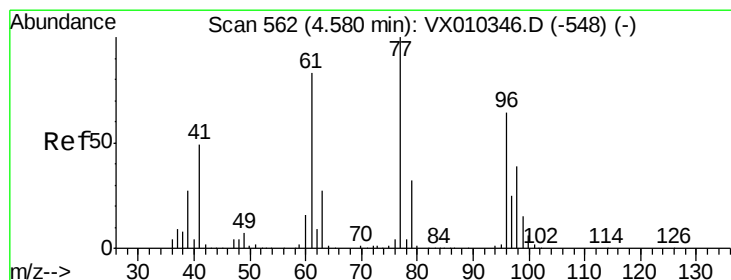
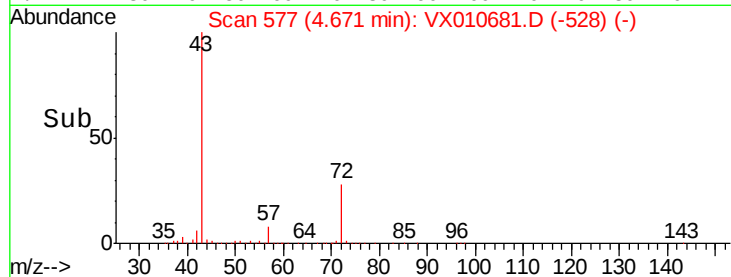
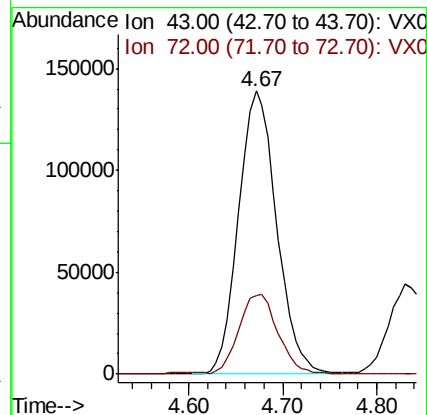
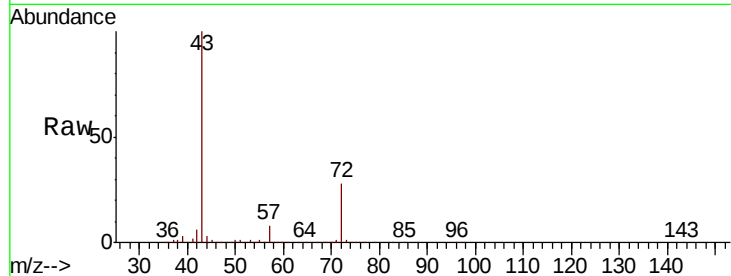
SS038RW151-190702MS

Tot Ion: 43 Resp: 392257

Ion Ratio Lower Upper

43 100

72 27.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 24.325 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010681.D

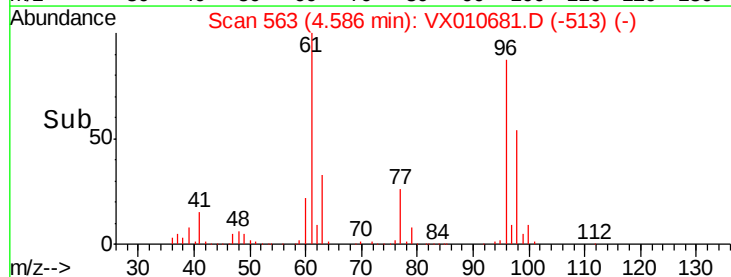
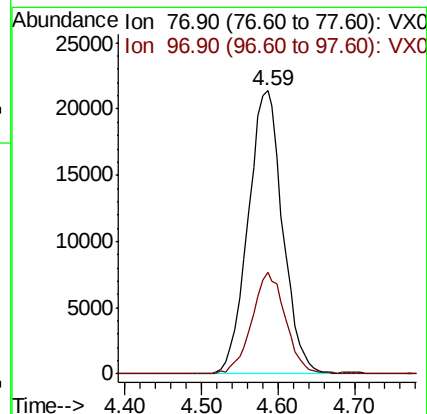
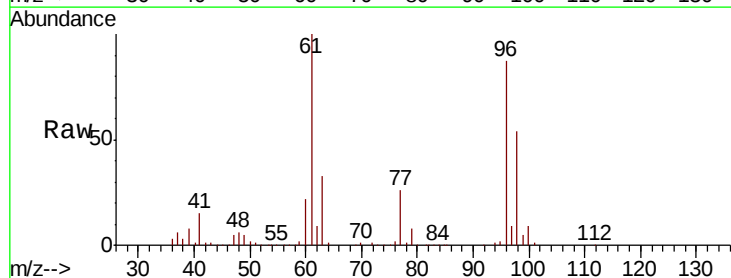
Acq: 04 Jul 2019 10:35

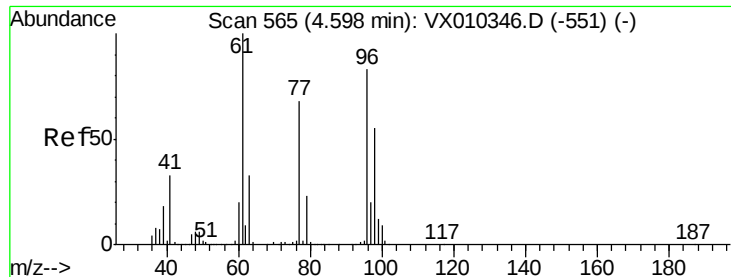
Tgt Ion: 77 Resp: 67312

Ion Ratio Lower Upper

77 100

97 34.9 13.1 39.3



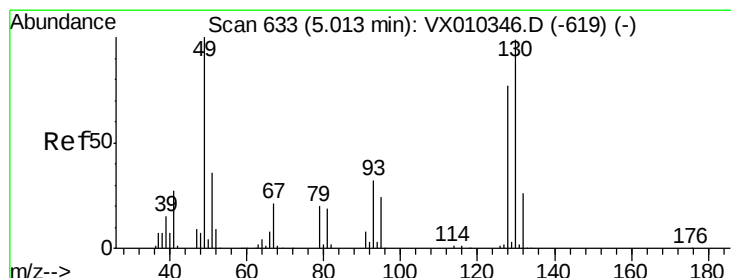
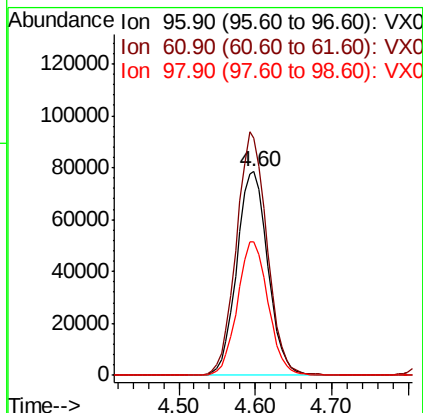
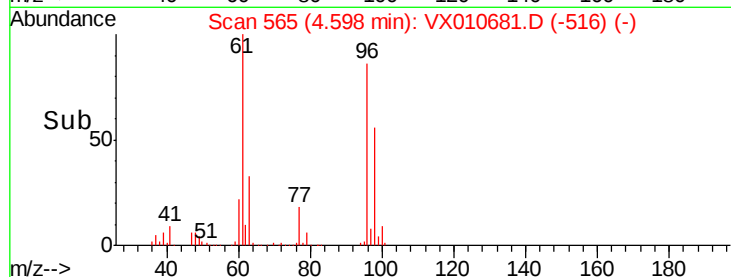
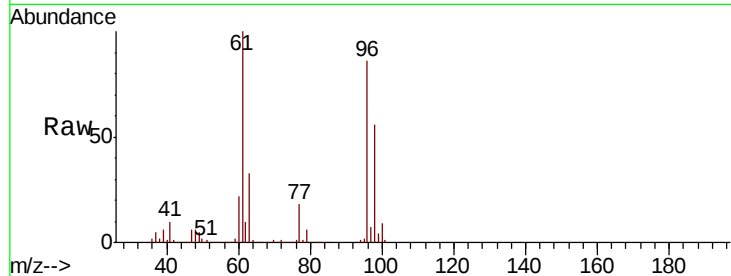


#27

cis-1,2-Dichloroethene
 Concen: 96.505 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

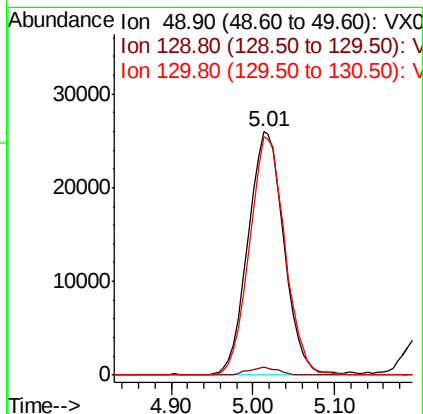
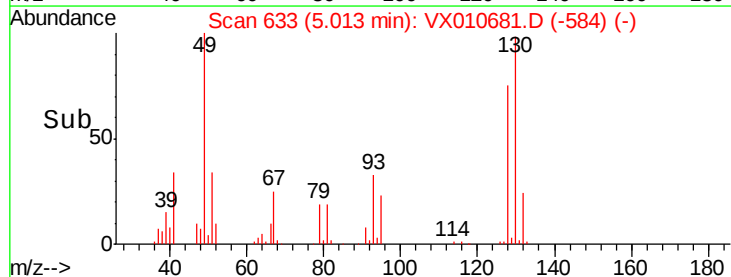
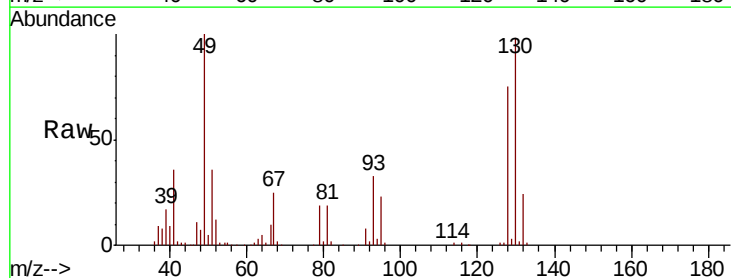
Tot Ion: 96 Resp: 222680
 Ion Ratio Lower Upper
 96 100
 61 117.4 0.0 251.8
 98 64.6 0.0 129.4

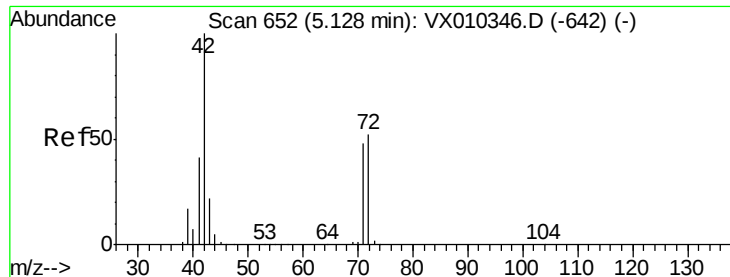


#28

Bromochloromethane
 Concen: 52.349 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 49 Resp: 79730
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.6
 130 96.6 81.4 122.0





#29

Tetrahydrofuran

Concen: 280.029 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

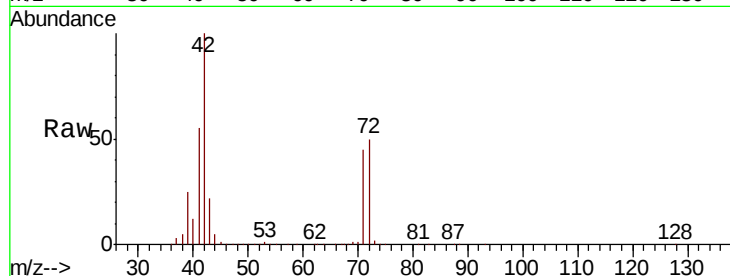
Tot Ion: 42 Resp: 256084

Ion Ratio Lower Upper

42 100

72 49.8 40.6 60.8

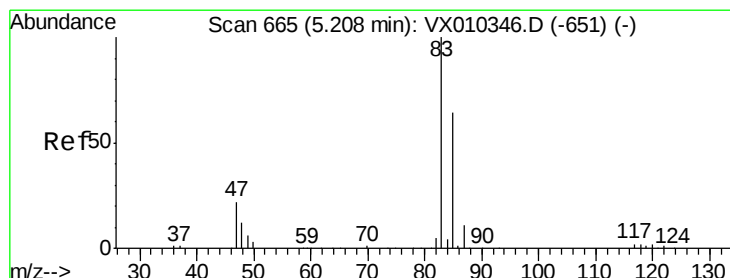
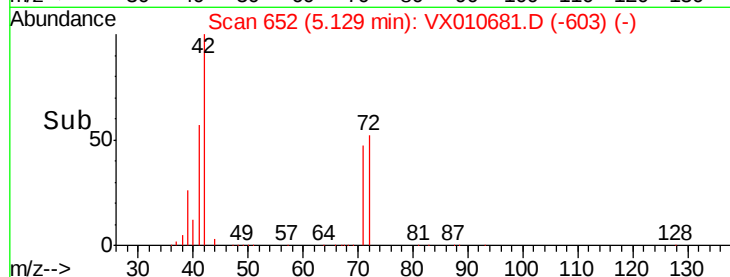
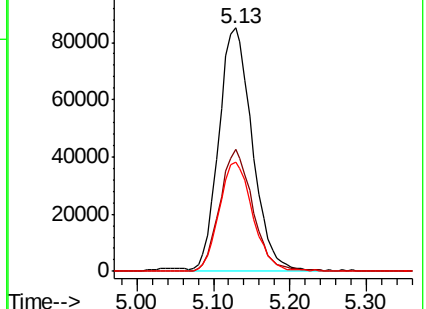
71 45.1 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.735 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010681.D

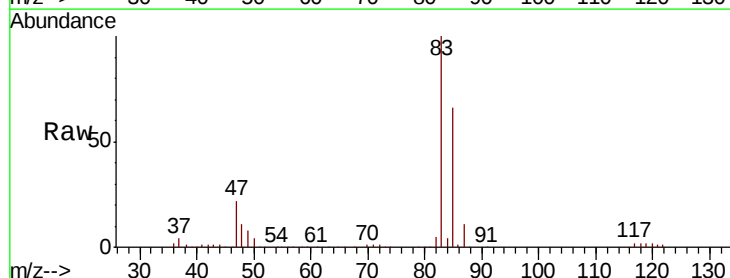
Acq: 04 Jul 2019 10:35

Tgt Ion: 83 Resp: 191027

Ion Ratio Lower Upper

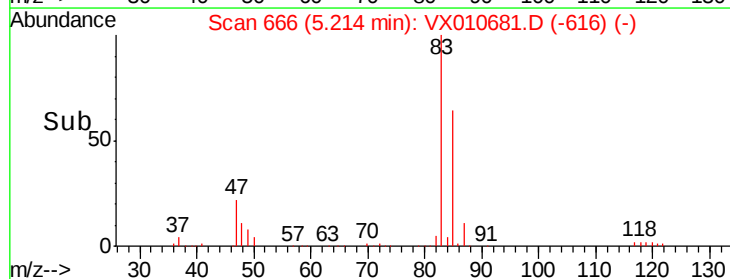
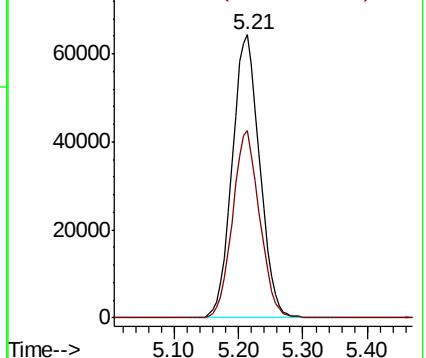
83 100

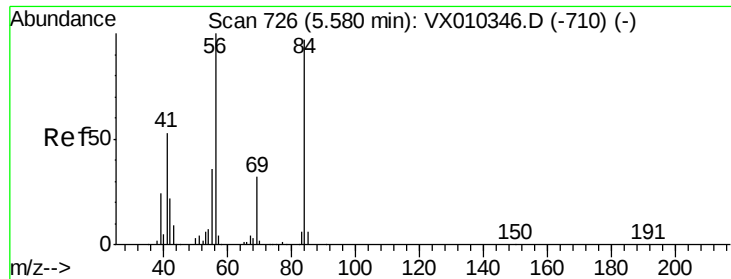
85 66.0 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

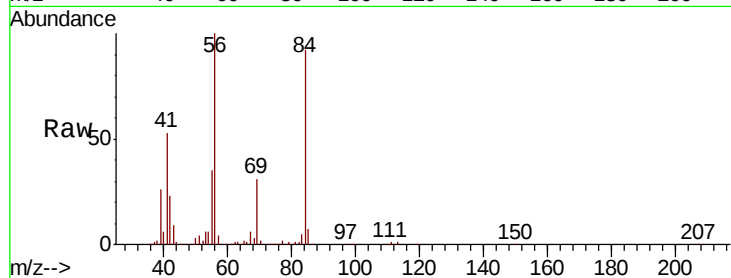




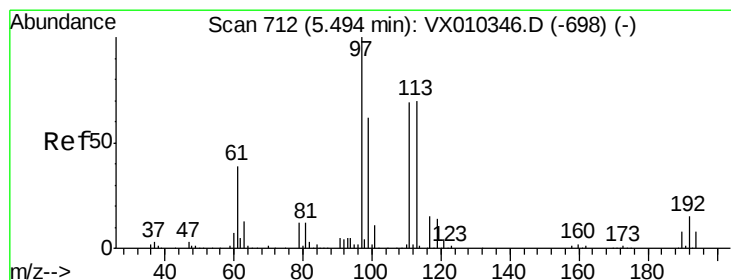
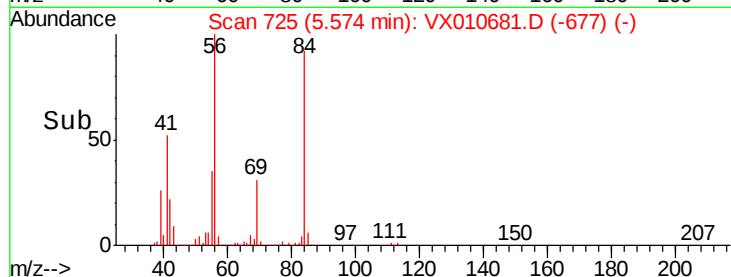
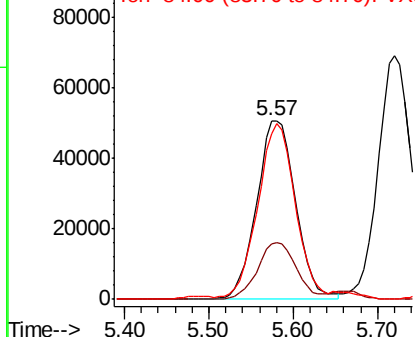
#31
Cyclohexane
Concen: 55.604 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion: 56 Resp: 161300
Ion Ratio Lower Upper
56 100
69 31.0 25.9 38.9
84 90.6 78.0 117.0

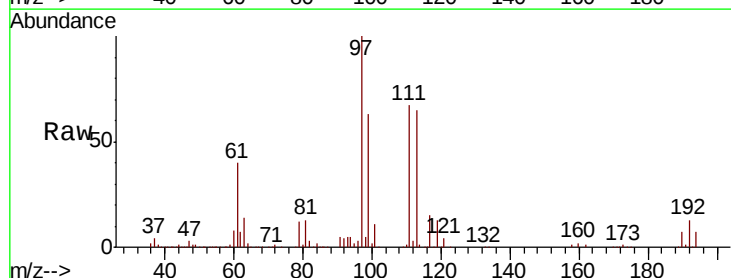


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

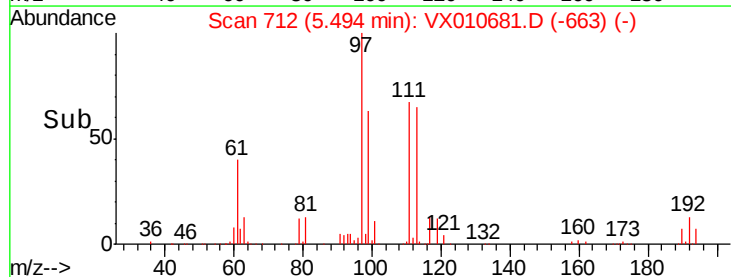
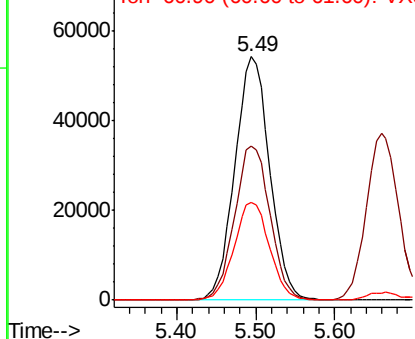


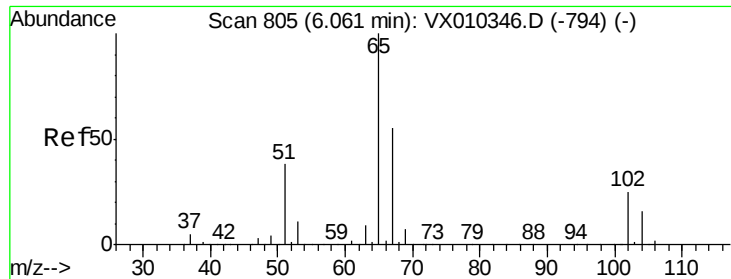
#32
1,1,1-Trichloroethane
Concen: 55.101 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 97 Resp: 166758
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 40.9 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

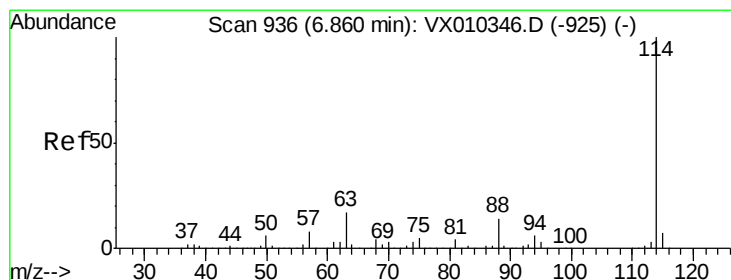
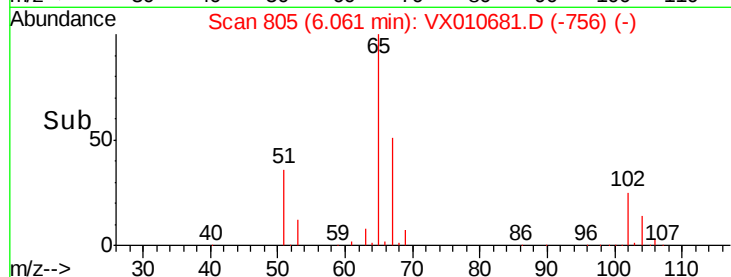
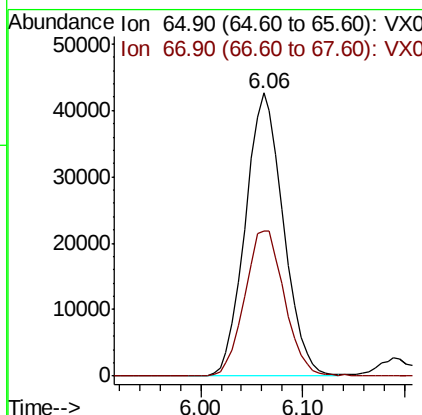
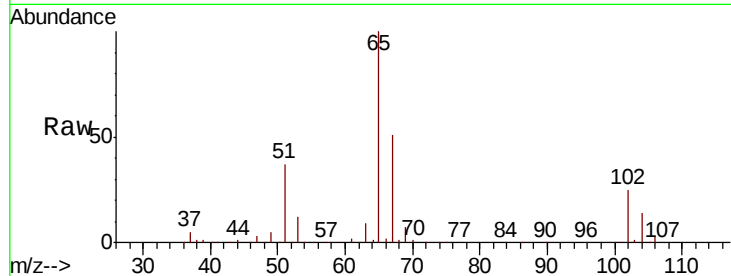




#33
 1,2-Dichloroethane-d4
 Concen: 55.122 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

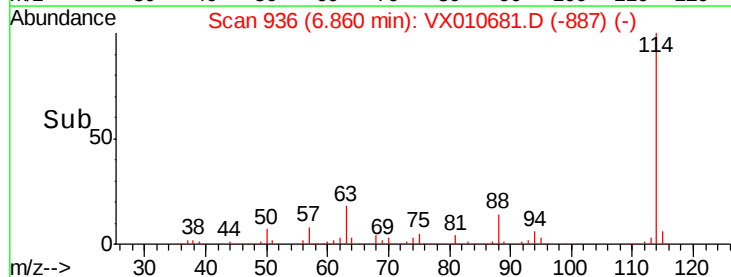
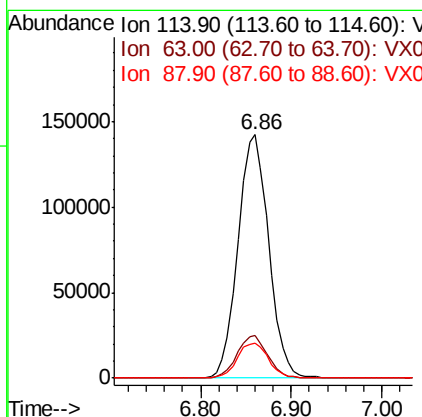
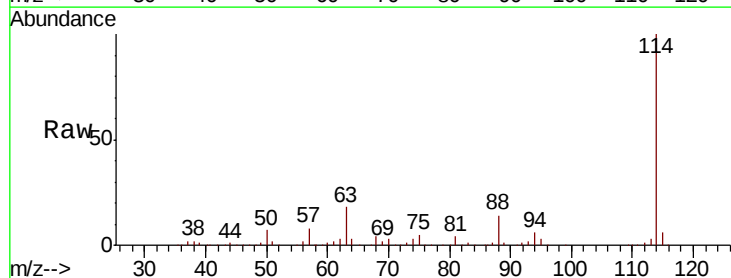
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

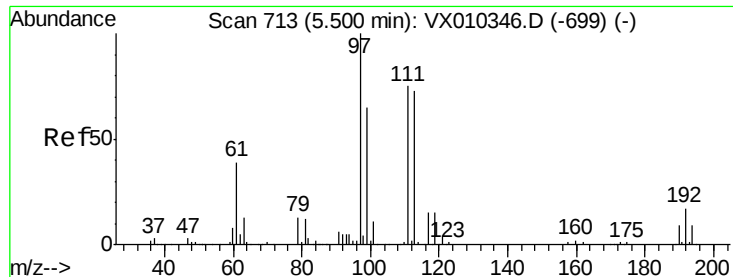
Tot Ion: 65 Resp: 110702
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 114 Resp: 334812
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.8
 88 14.4 0.0 27.6





#35

Dibromofluoromethane

Concen: 51.018 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

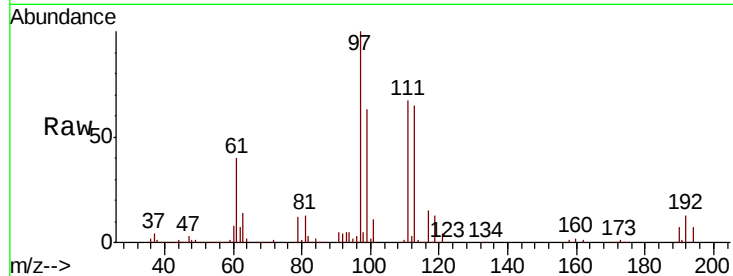
Tot Ion:113 Resp: 104511

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

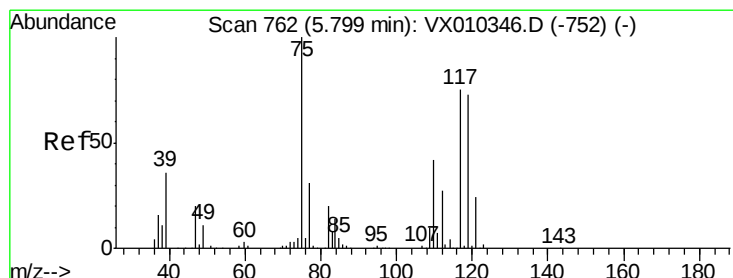
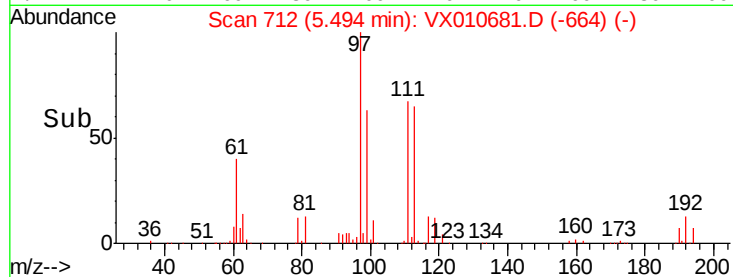
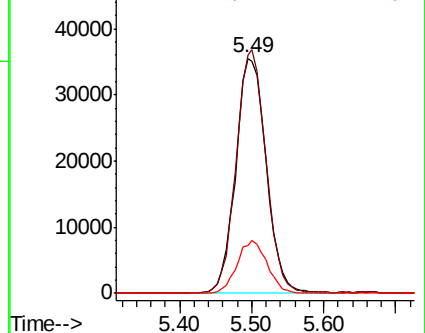
192 22.0 18.6 27.8



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: 52.324 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

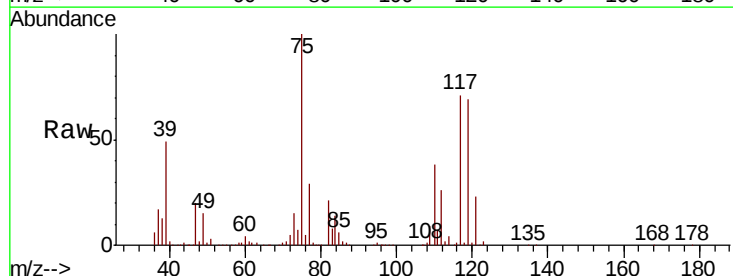
Tgt Ion: 75 Resp: 139214

Ion Ratio Lower Upper

75 100

110 40.4 20.8 62.2

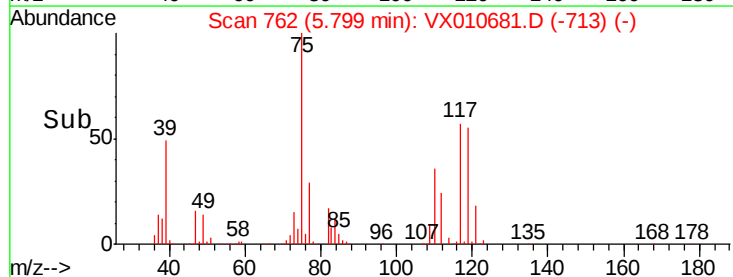
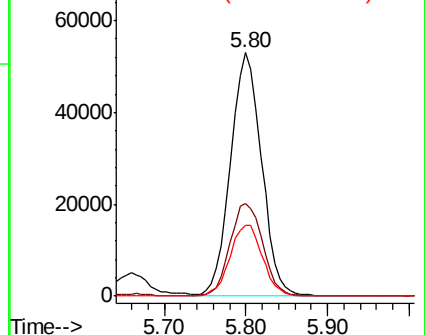
77 30.3 25.4 38.0

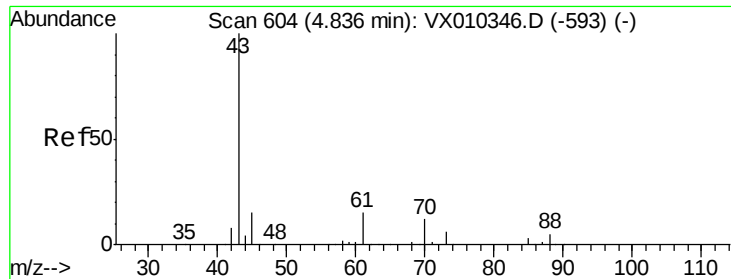


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

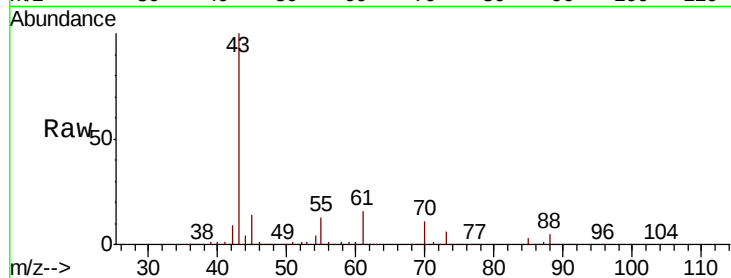




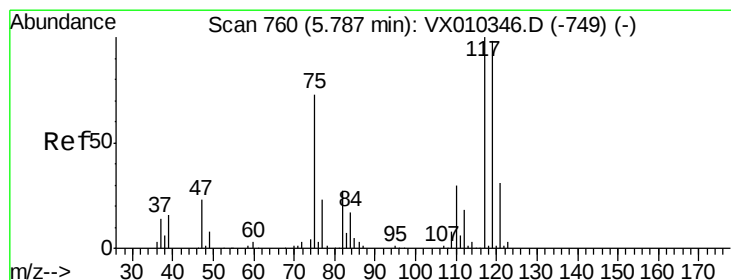
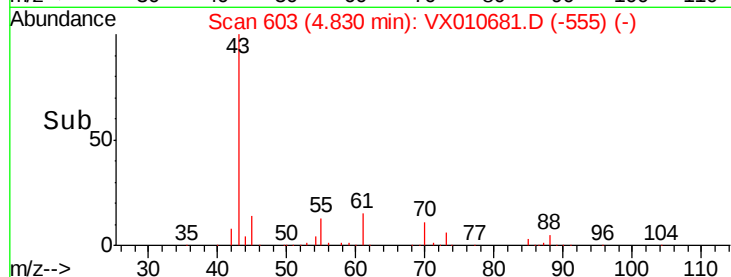
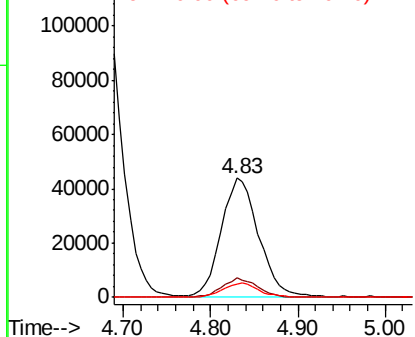
#37
Ethyl Acetate
Concen: 47.298 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion: 43 Resp: 129459
Ion Ratio Lower Upper
43 100
61 14.7 12.4 18.6
70 11.6 9.8 14.8

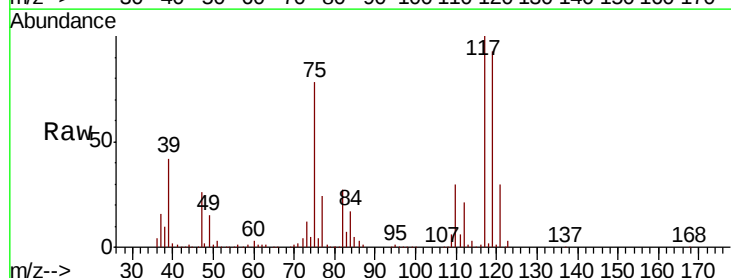


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

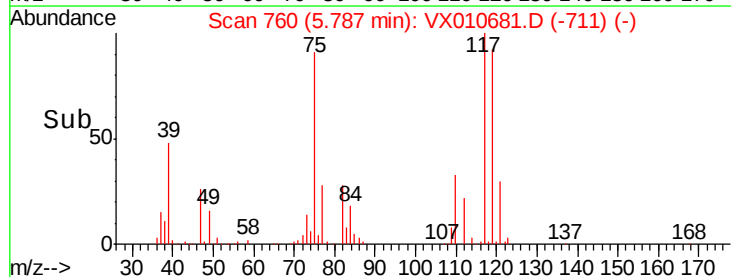
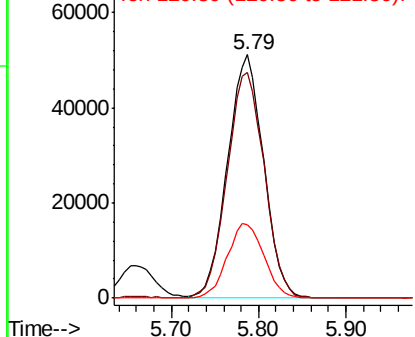


#38
Carbon Tetrachloride
Concen: 50.890 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 117 Resp: 146619
Ion Ratio Lower Upper
117 100
119 92.7 78.2 117.4
121 30.0 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

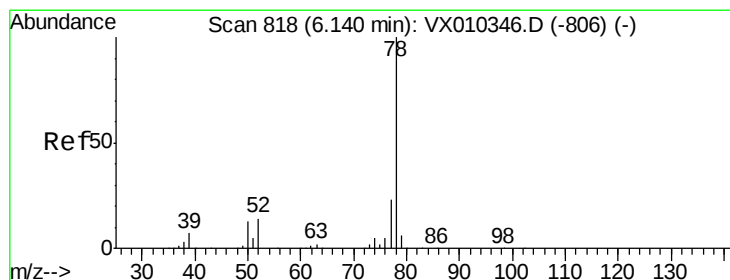
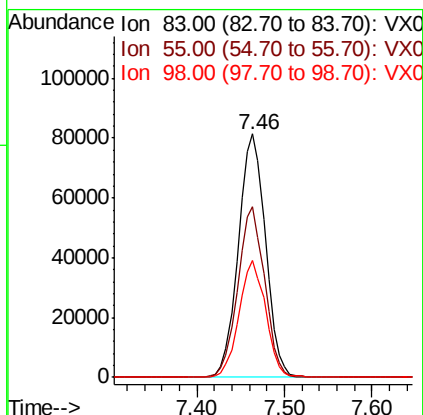
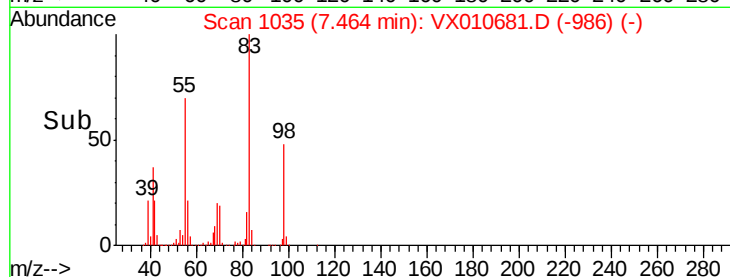
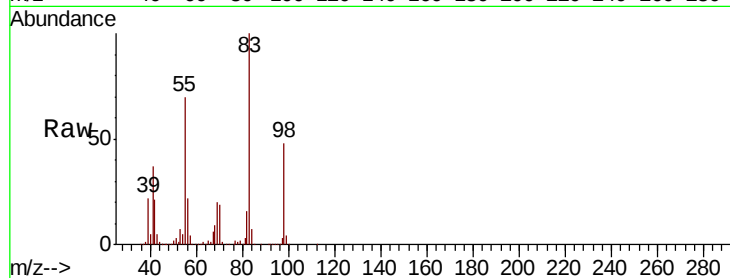




#39
Methvlcvclohexane
Concen: 50.216 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

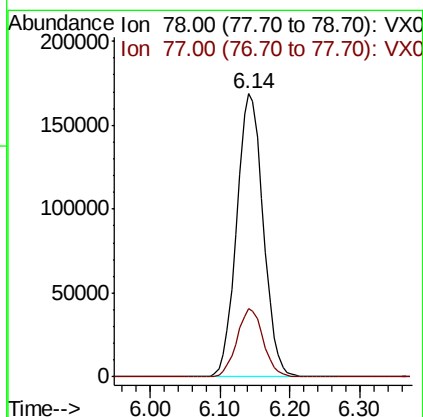
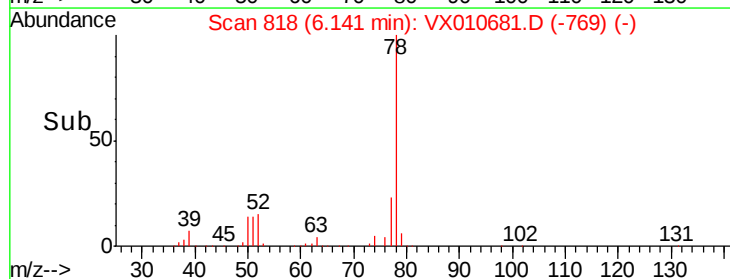
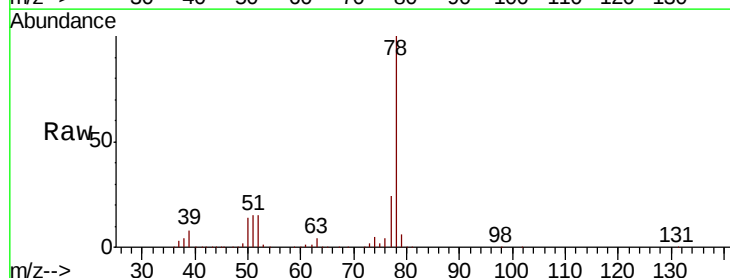
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

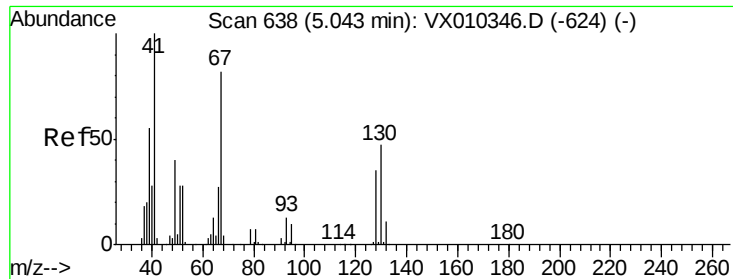
Tot Ion: 83 Resp: 175618
Ion Ratio Lower Upper
83 100
55 69.9 53.0 79.6
98 47.8 37.8 56.8



#40
Benzene
Concen: 53.666 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 78 Resp: 444840
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

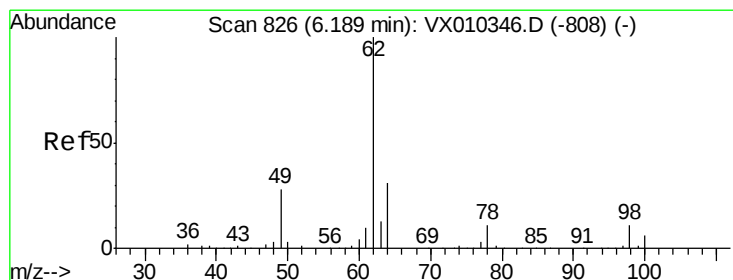
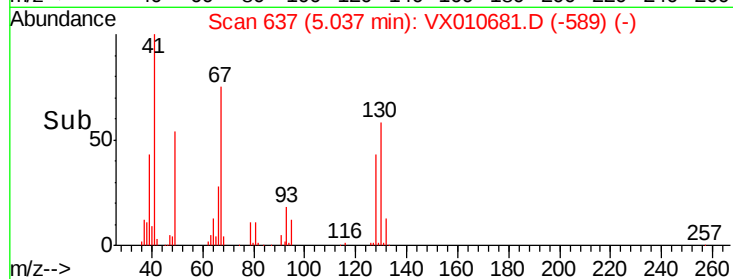
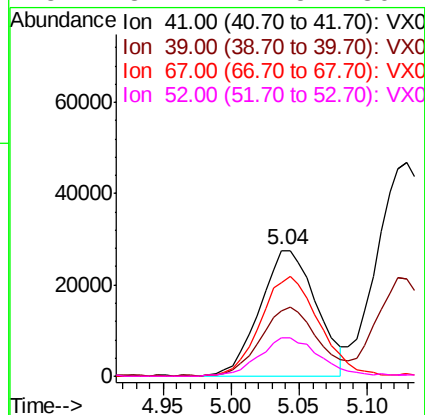
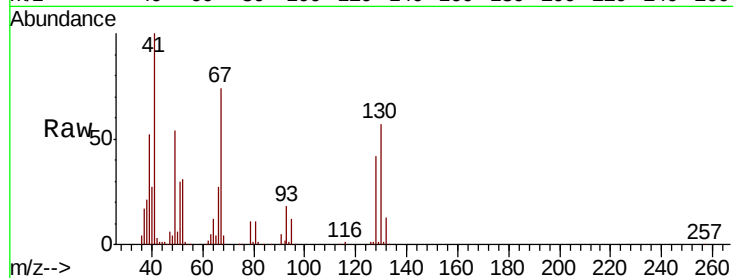




#41
Methacrylonitrile
Concen: 53.080 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

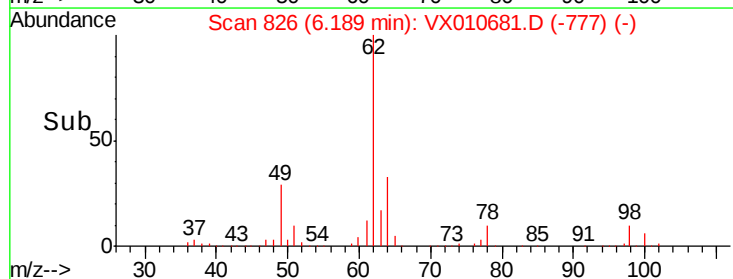
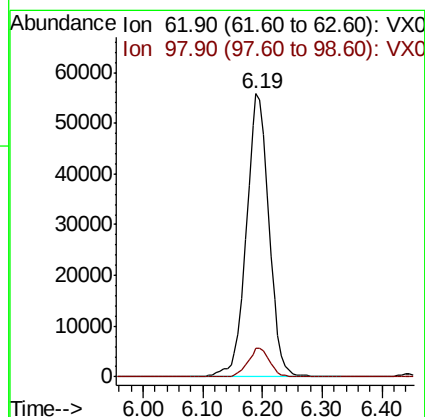
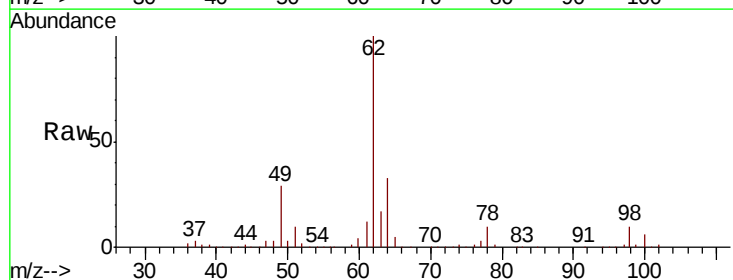
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

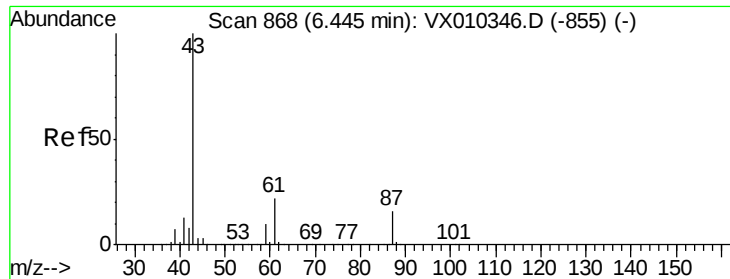
Tot Ion:	41	Resp:	79716
Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.8	65.8
67	82.3	66.6	100.0
52	32.2	24.5	36.7



#42
1,2-Dichloroethane
Concen: 58.513 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion:	62	Resp:	147639
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	22.2



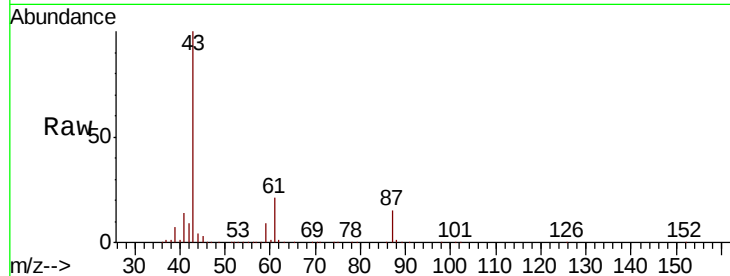


#43

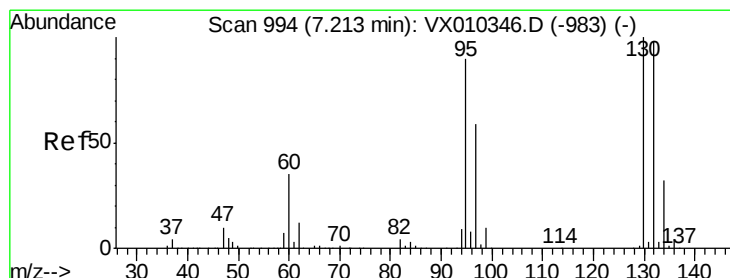
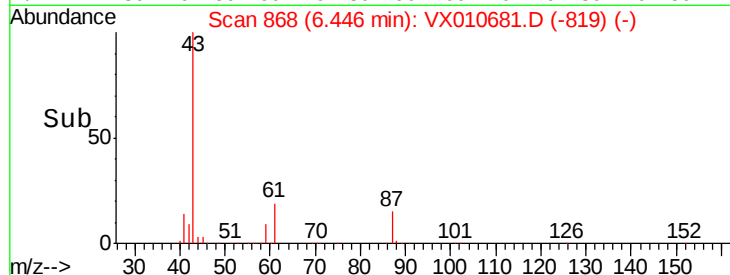
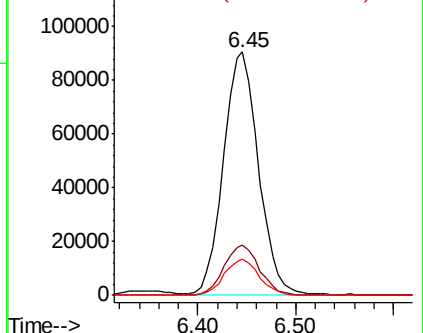
Isopropyl Acetate
 Concen: 49.354 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion: 43 Resp: 223500
 Ion Ratio Lower Upper
 43 100
 61 21.1 17.8 26.6
 87 15.1 13.0 19.4



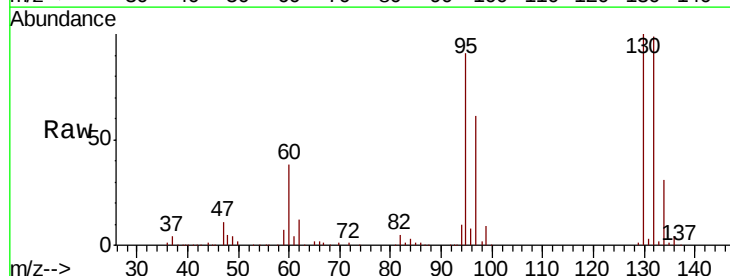
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



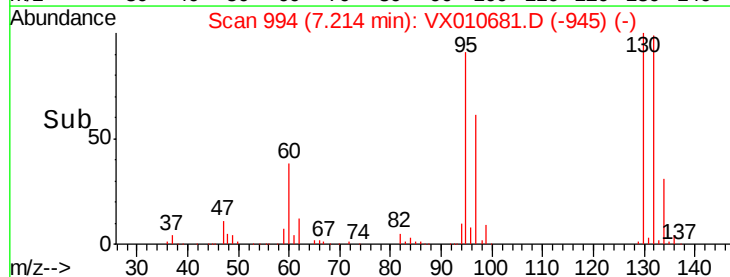
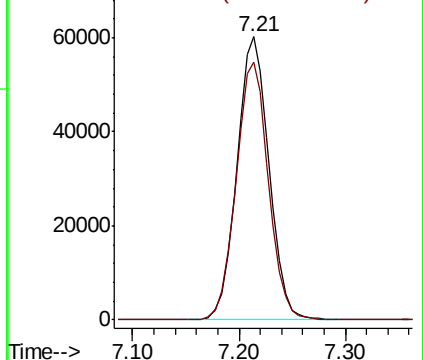
#44

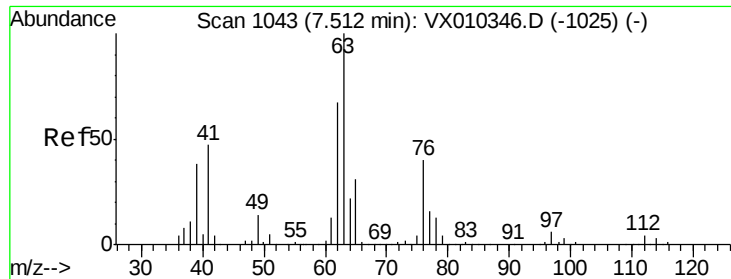
Trichloroethene
 Concen: 51.252 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 130 Resp: 127119
 Ion Ratio Lower Upper
 130 100
 95 91.0 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: 53.370 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

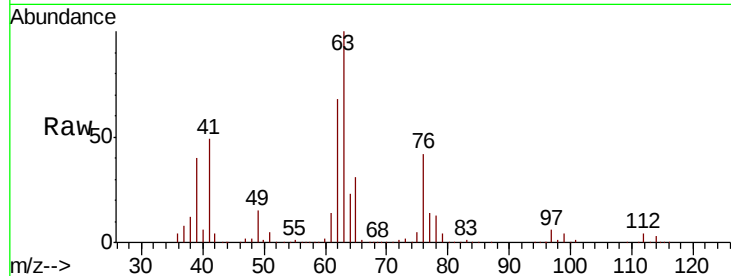
SS038RW151-190702MS

Tot Ion: 63 Resp: 111714

Ion Ratio Lower Upper

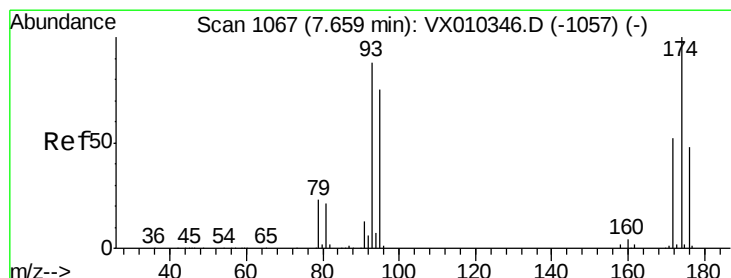
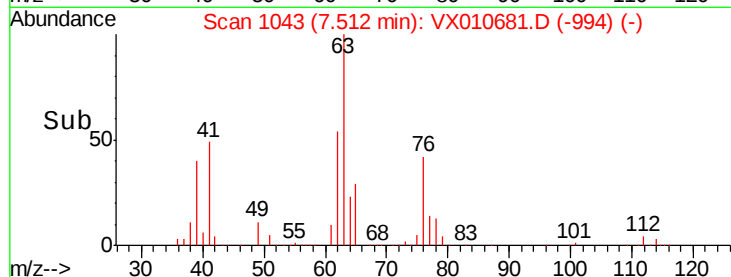
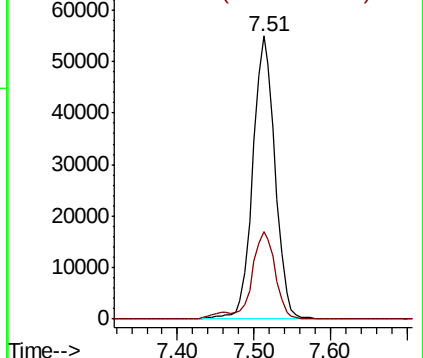
63 100

65 30.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.561 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

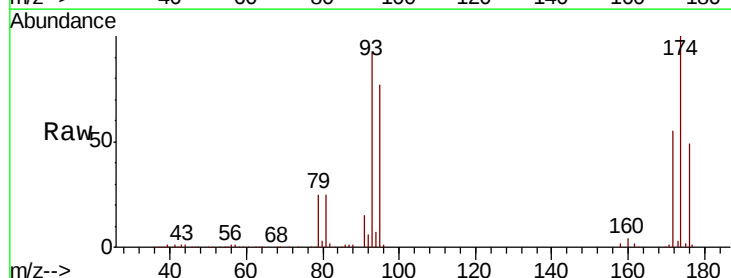
Tgt Ion: 93 Resp: 81942

Ion Ratio Lower Upper

93 100

95 82.0 67.5 101.3

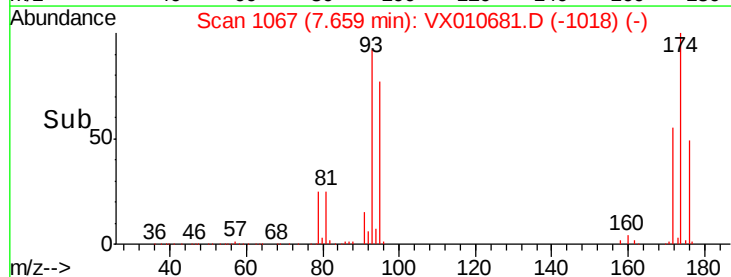
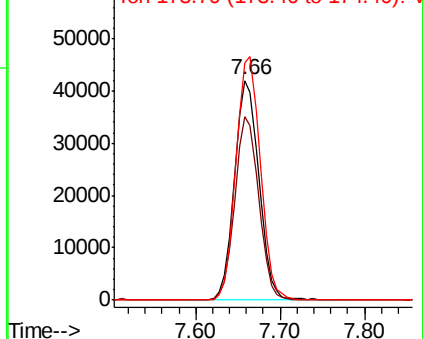
174 110.6 95.8 143.6

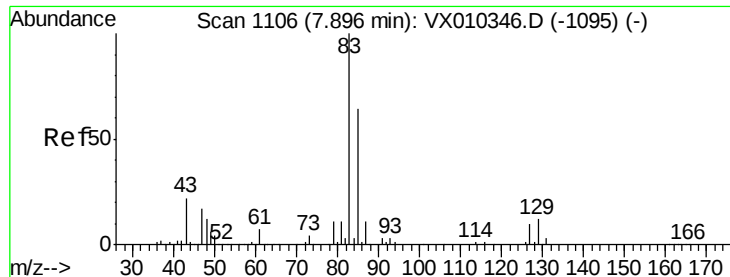


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.315 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

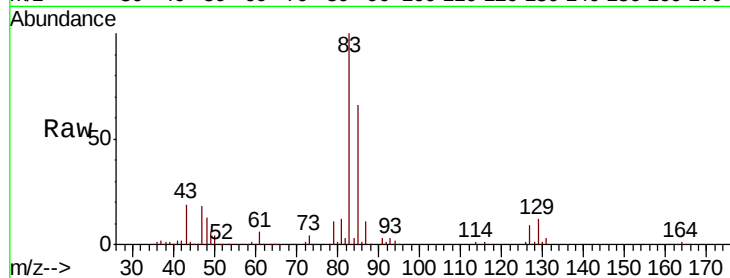
Tot Ion: 83 Resp: 143987

Ion Ratio Lower Upper

83 100

85 65.7 51.5 77.3

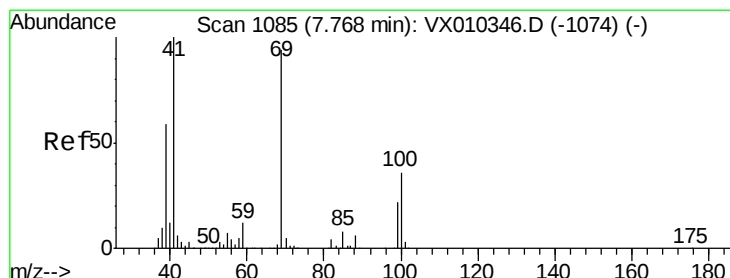
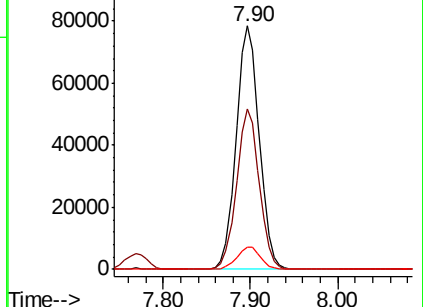
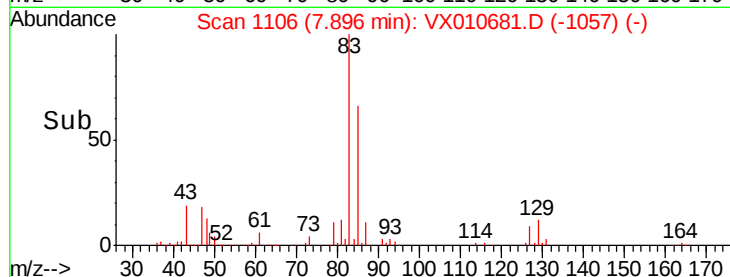
127 9.3 7.8 11.8



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: 55.682 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

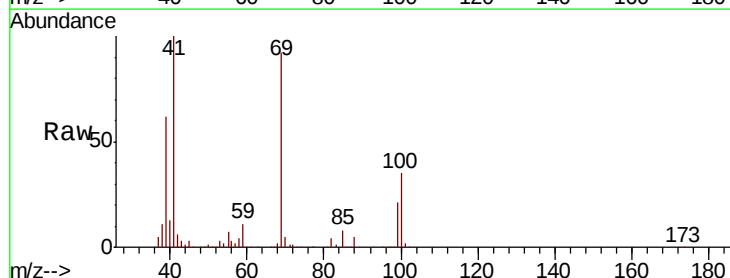
Tgt Ion: 41 Resp: 117207

Ion Ratio Lower Upper

41 100

69 93.4 76.1 114.1

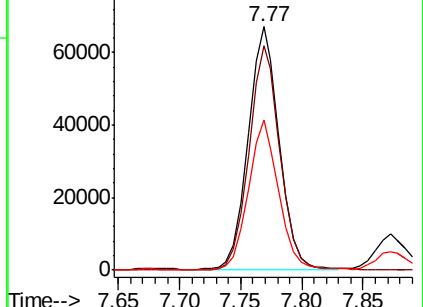
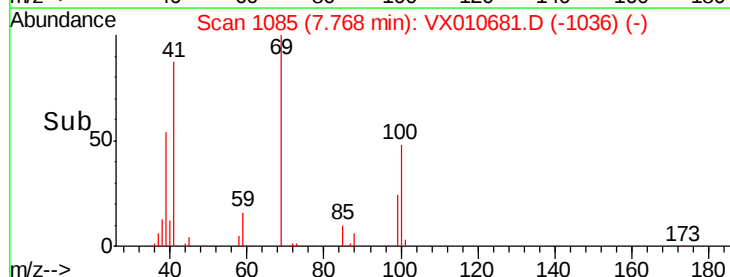
39 60.0 47.6 71.4

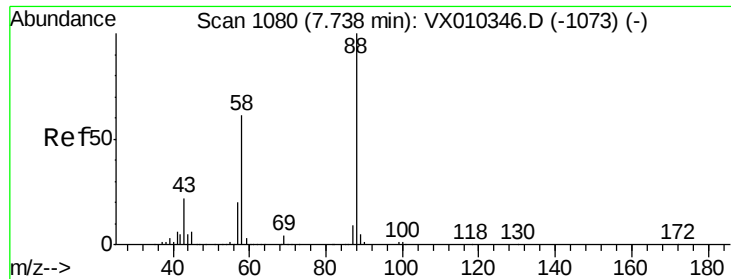


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

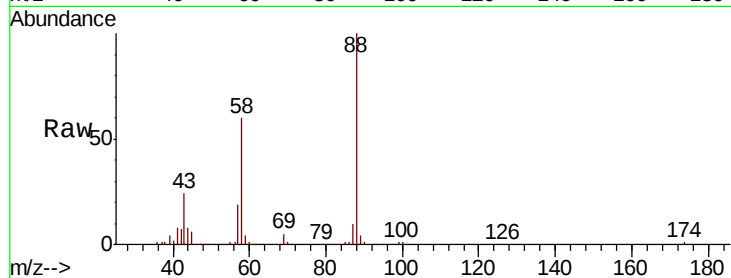




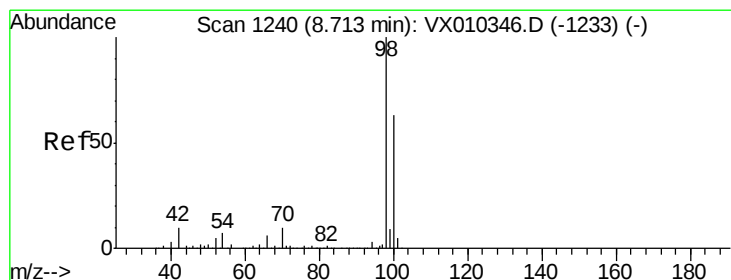
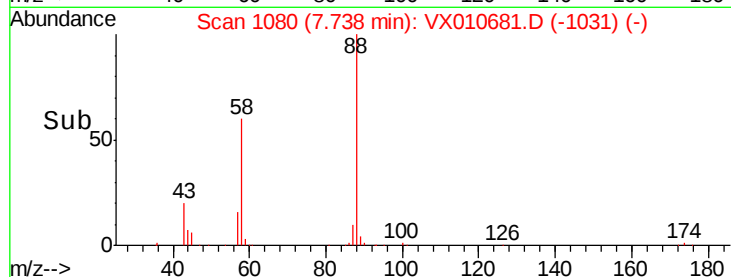
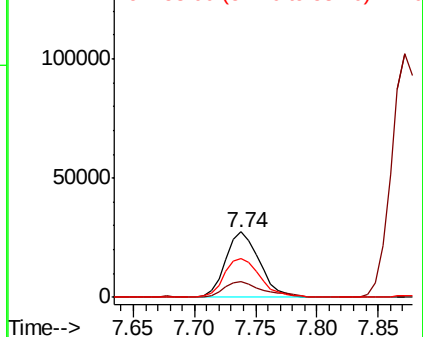
#49
1,4-Dioxane
Concen: 875.831 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion: 88 Resp: 53108
Ion Ratio Lower Upper
88 100
43 27.0 20.2 30.2
58 62.7 49.5 74.3

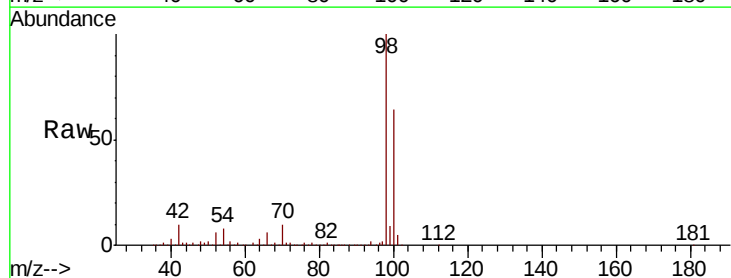


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

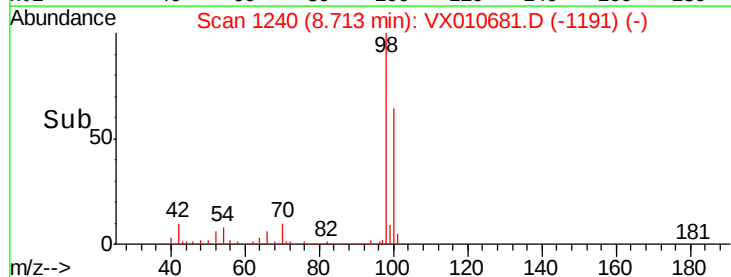
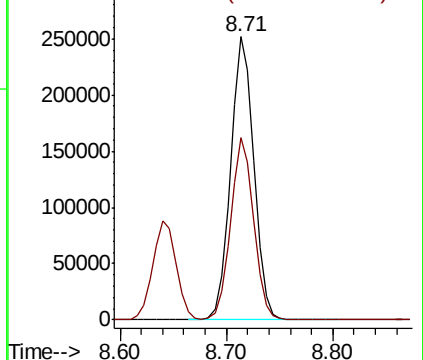


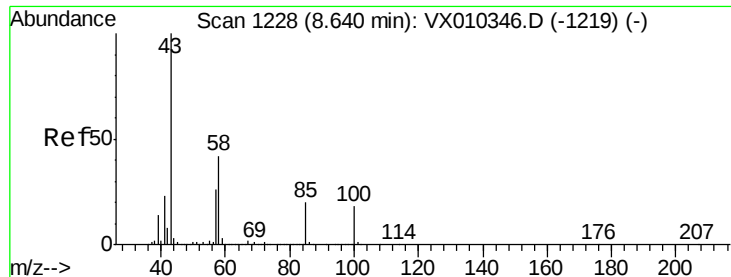
#50
Toluene-d8
Concen: 49.079 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 98 Resp: 384637
Ion Ratio Lower Upper
98 100
100 63.8 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: 275.472 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

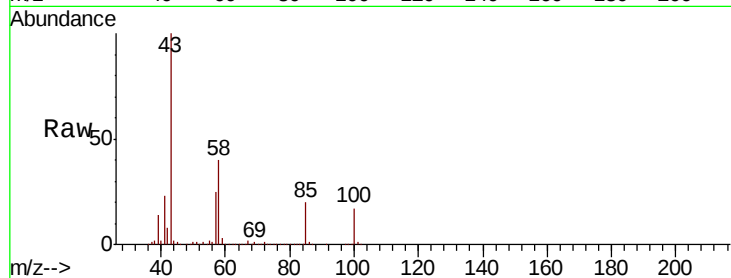
SS038RW151-190702MS

Tot Ion: 43 Resp: 797839

Ion Ratio Lower Upper

43 100

58 40.6 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

500000

400000

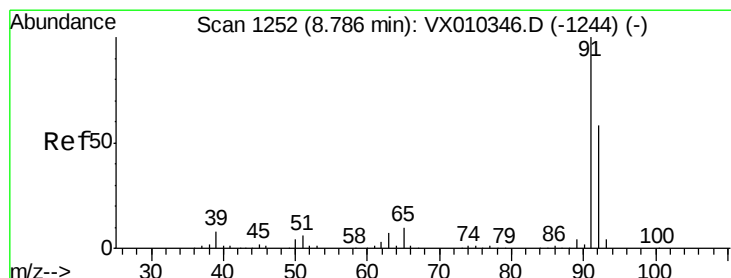
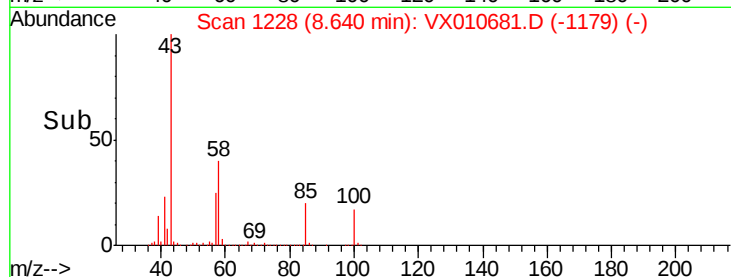
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.569 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010681.D

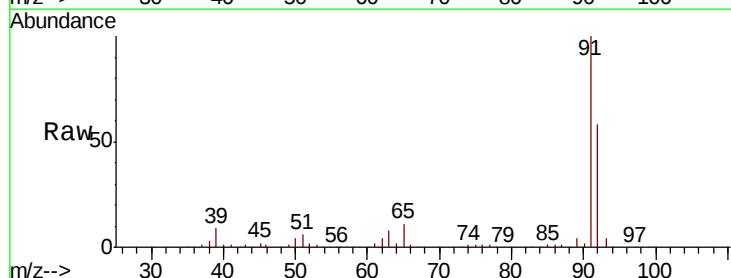
Acq: 04 Jul 2019 10:35

Tgt Ion: 92 Resp: 286956

Ion Ratio Lower Upper

92 100

91 174.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

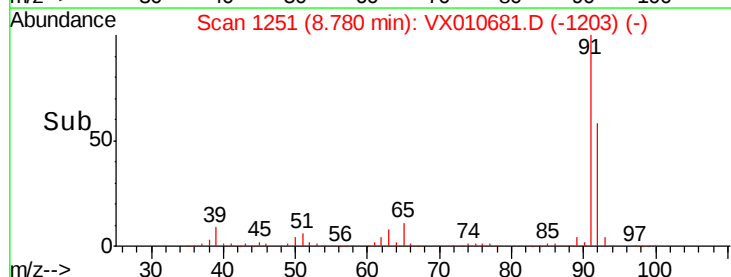
300000

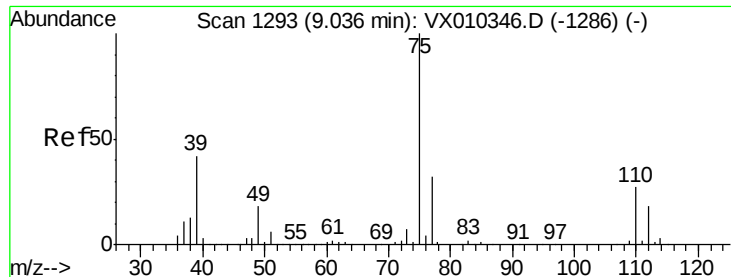
200000

100000

0

Time-->

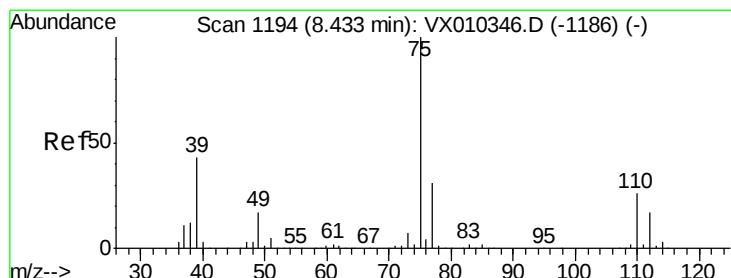
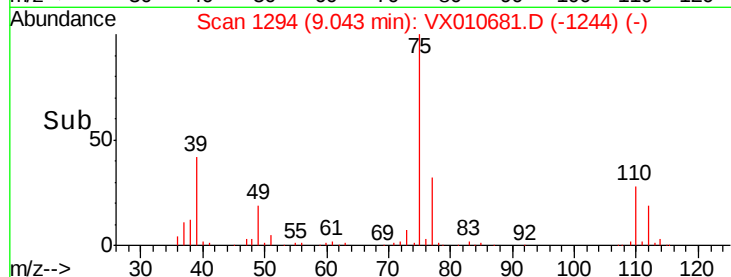
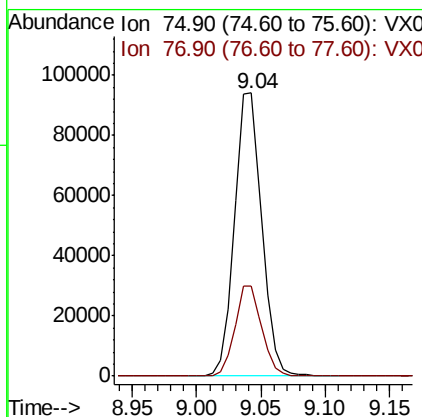
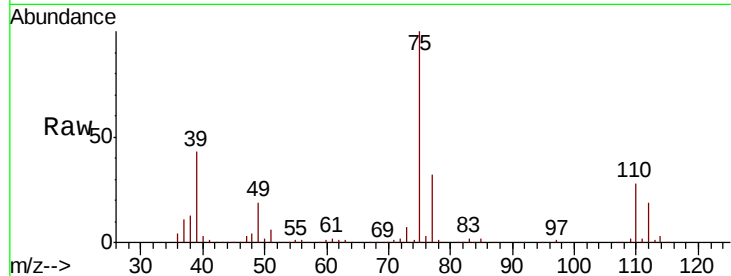




#53
 t-1,3-Dichloropropene
 Concen: 45.017 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

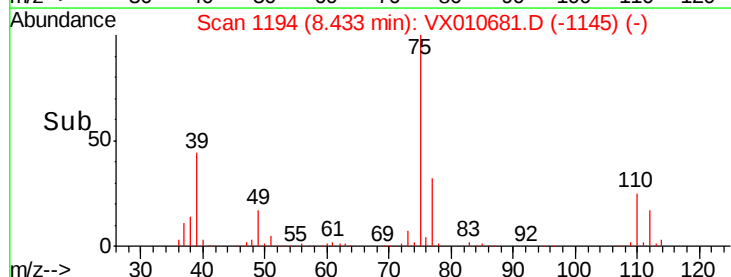
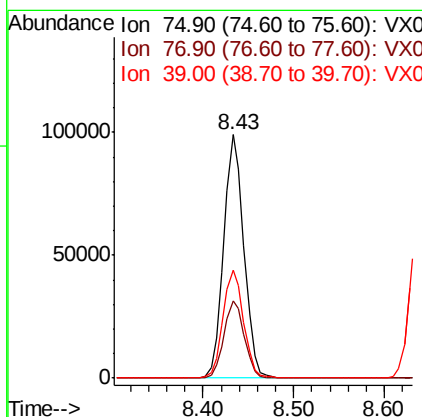
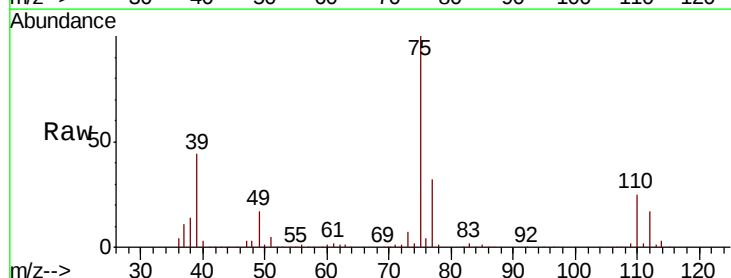
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

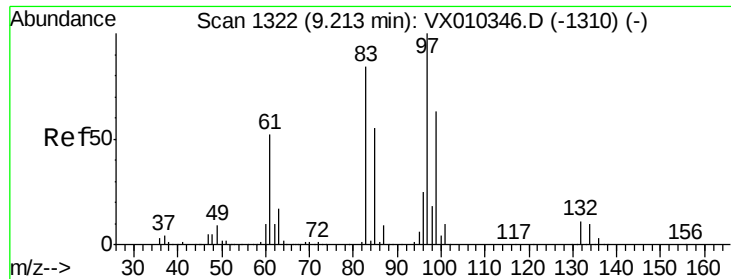
Tot Ion: 75 Resp: 138910
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 45.832 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 75 Resp: 153689
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 44.1 34.5 51.7



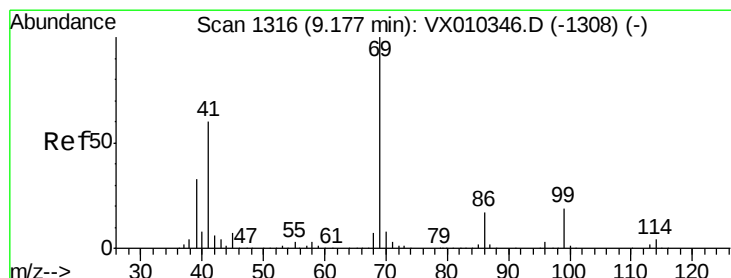
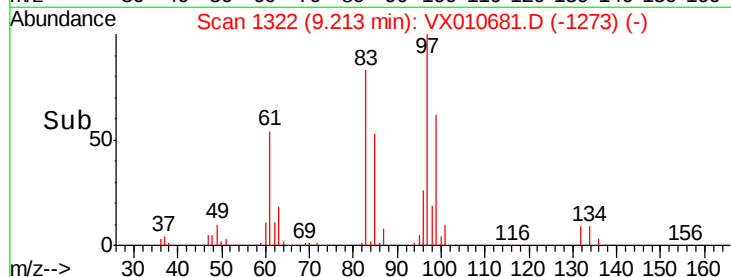
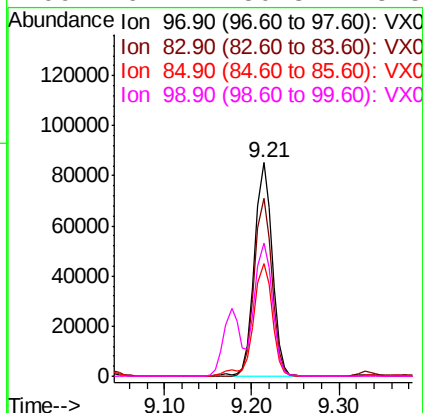
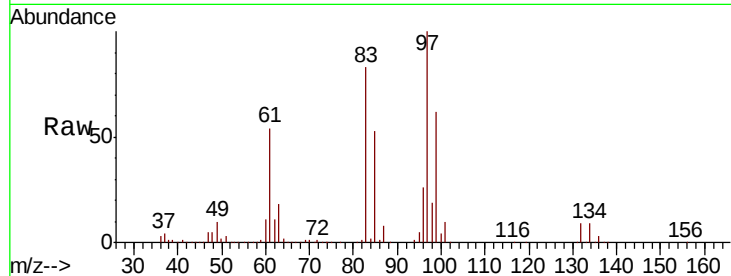


#55
 1,1,2-Trichloroethane
 Concen: 53.486 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion: 97 Resp: 120411

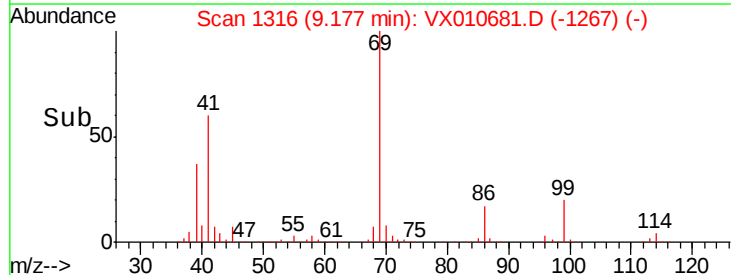
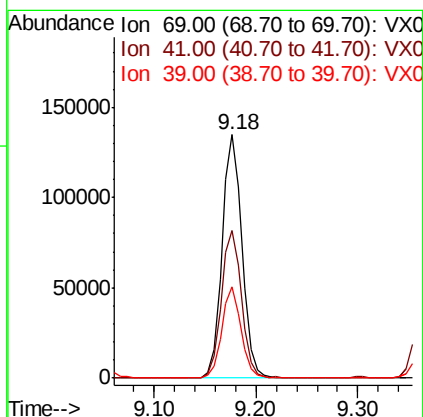
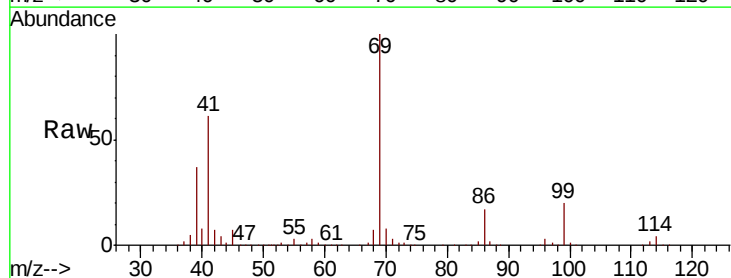
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.4	101.0
85	52.7	43.8	65.8
99	62.1	50.3	75.5

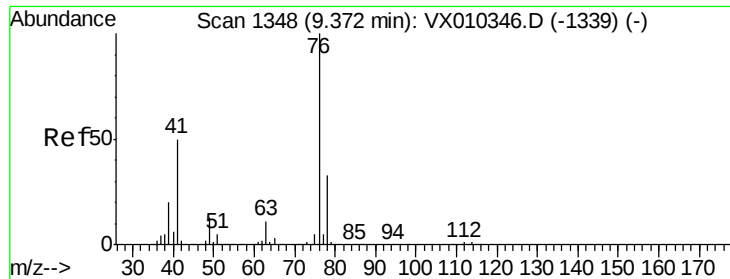


#56
 Ethyl methacrylate
 Concen: 53.658 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 69 Resp: 182991

Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.1	70.7
39	35.8	26.6	40.0





#57

1,3-Dichloropropane

Concen: 53.876 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

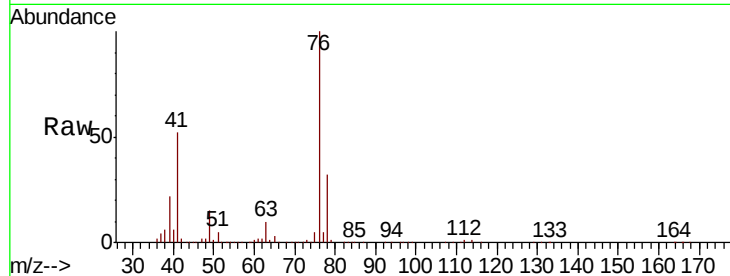
SS038RW151-190702MS

Tot Ion: 76 Resp: 188278

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

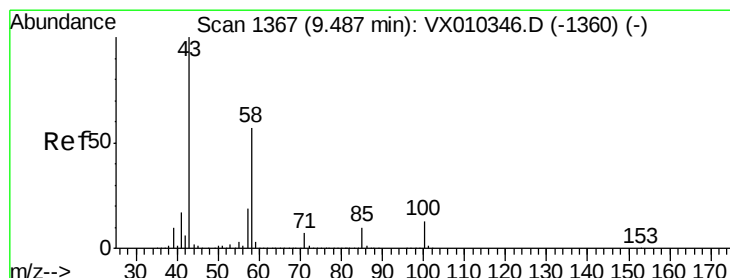
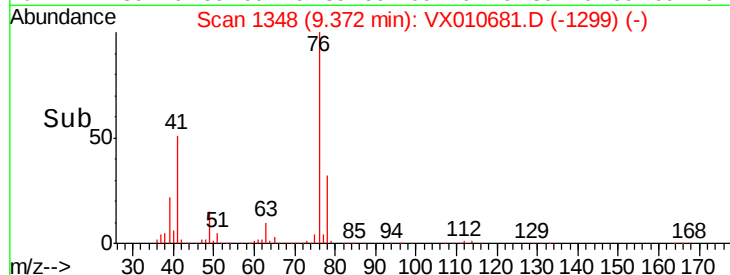
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#59

2-Hexanone

Concen: 267.491 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010681.D

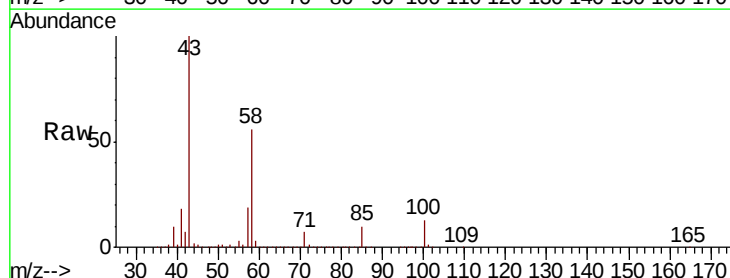
Acq: 04 Jul 2019 10:35

Tgt Ion: 43 Resp: 609736

Ion Ratio Lower Upper

43 100

58 56.3 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

300000

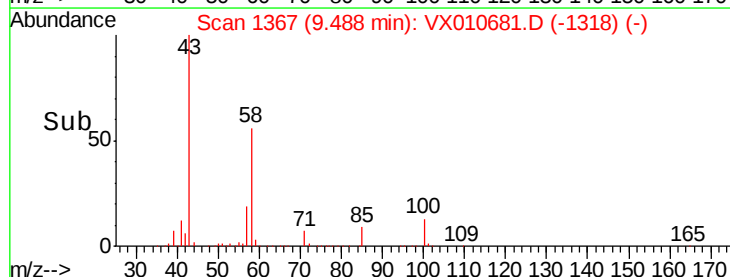
200000

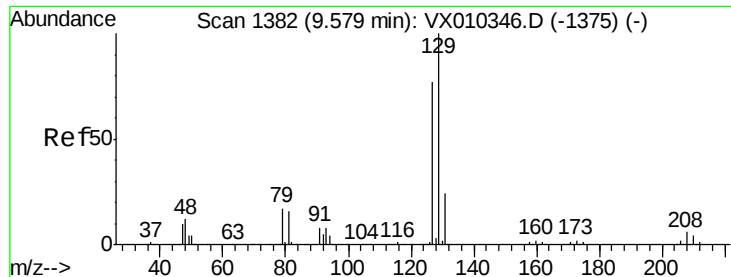
100000

0

Time-->

9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 50.195 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

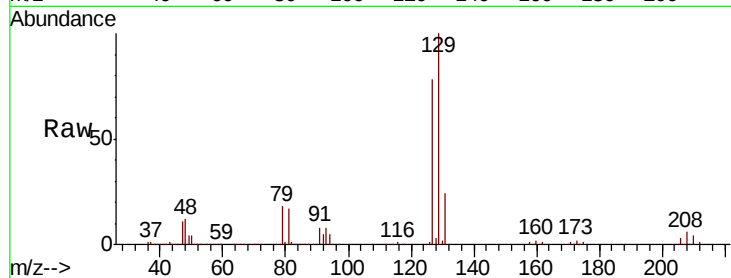
SS038RW151-190702MS

Tot Ion:129 Resp: 126525

Ion Ratio Lower Upper

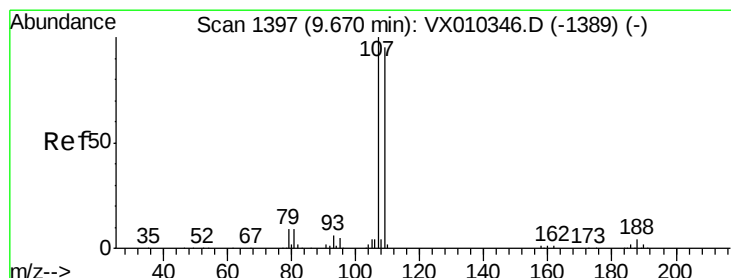
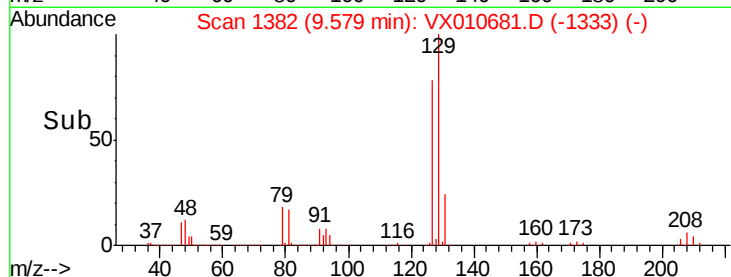
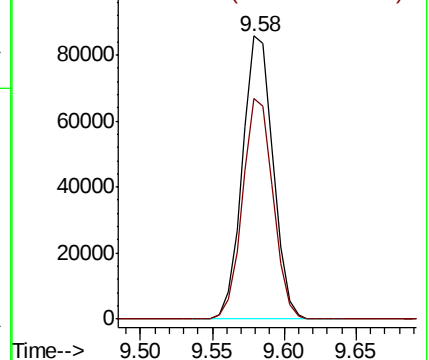
129 100

127 77.5 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: 52.839 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010681.D

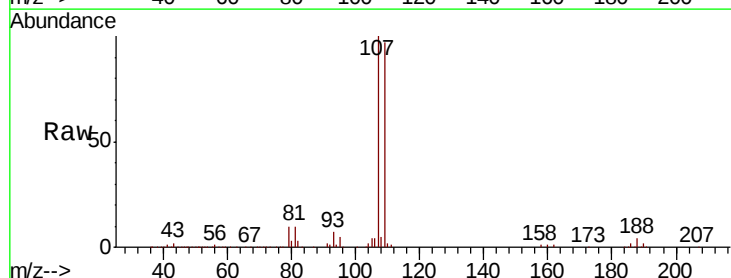
Acq: 04 Jul 2019 10:35

Tgt Ion:107 Resp: 128397

Ion Ratio Lower Upper

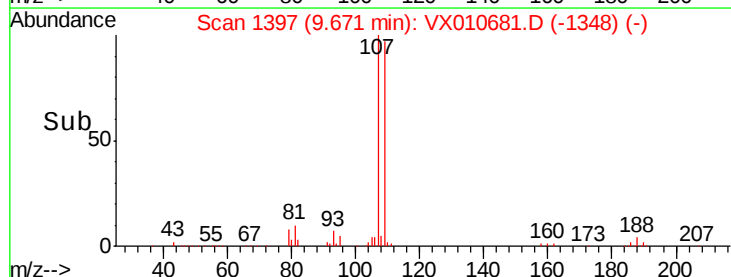
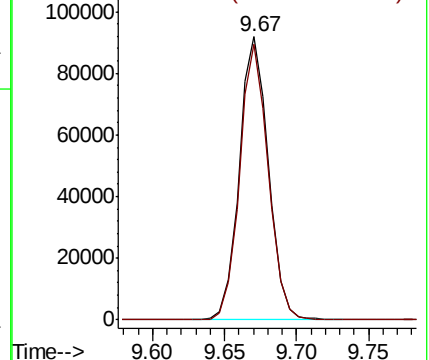
107 100

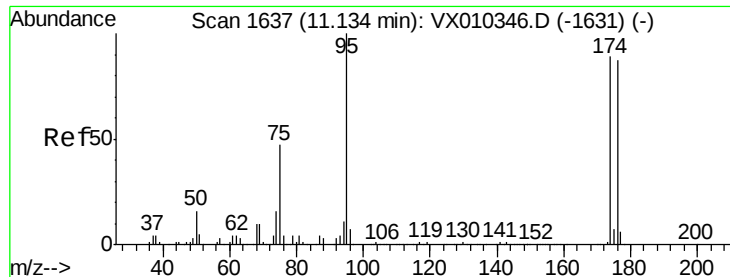
109 95.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.679 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

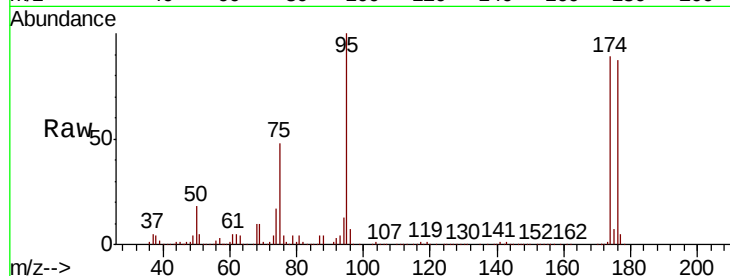
Tot Ion: 95 Resp: 143392

Ion Ratio Lower Upper

95 100

174 91.6 0.0 187.6

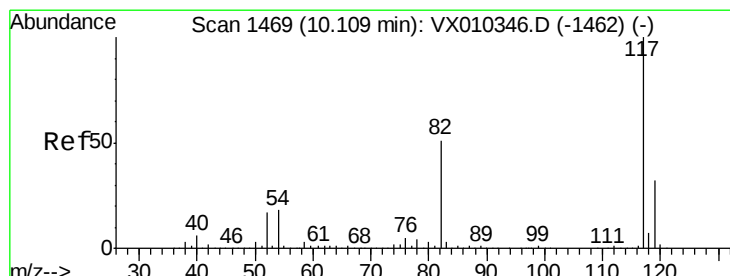
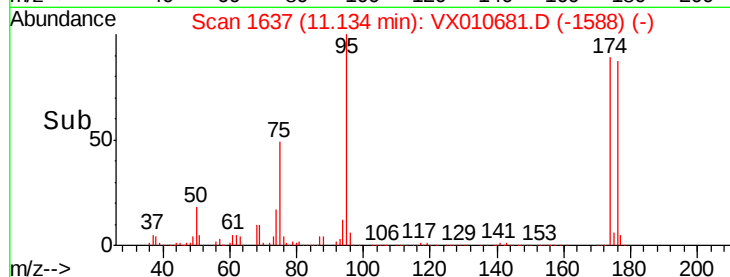
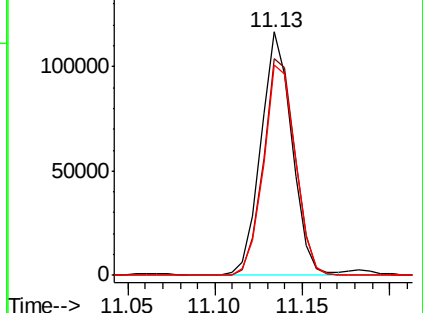
176 89.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010681.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010681.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010681.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

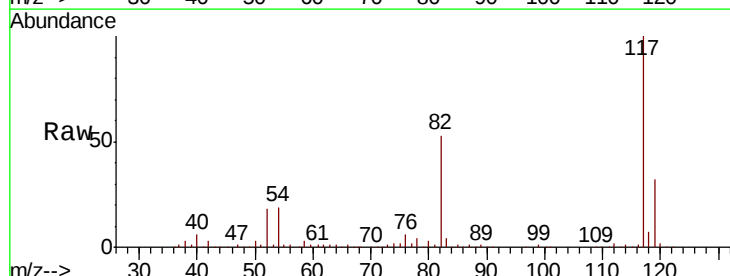
Tgt Ion: 117 Resp: 308280

Ion Ratio Lower Upper

117 100

82 52.7 41.2 61.8

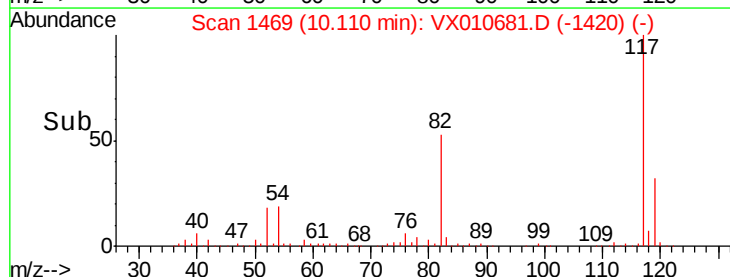
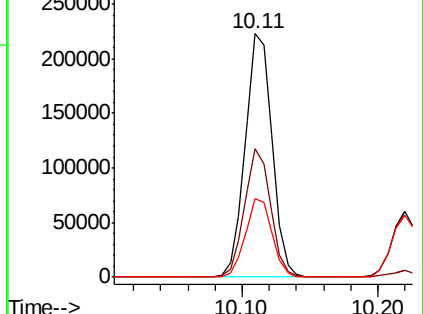
119 32.2 25.5 38.3

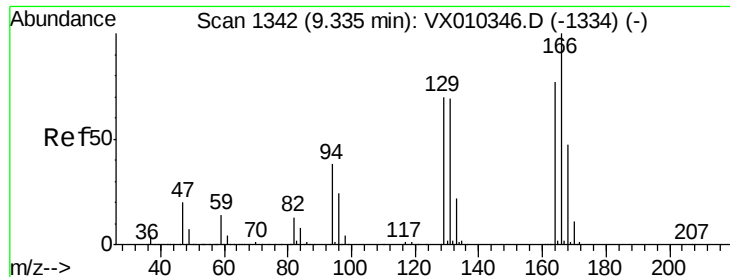


Abundance Ion 116.90 (116.60 to 117.60): VX010681.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010681.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010681.D (-1420) (-)





#64

Tetrachloroethene

Concen: 46.059 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion:164 Resp: 114846

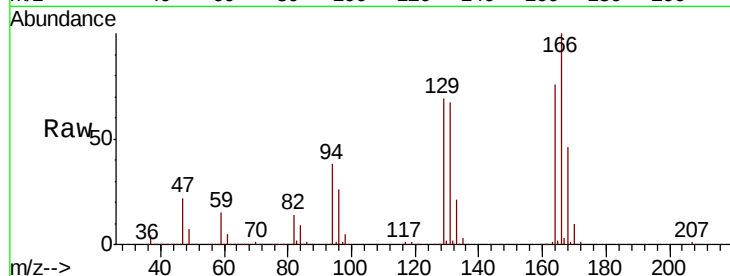
Ion Ratio Lower Upper

164 100

166 131.0 103.6 155.4

129 90.7 73.0 109.4

131 87.2 71.0 106.4



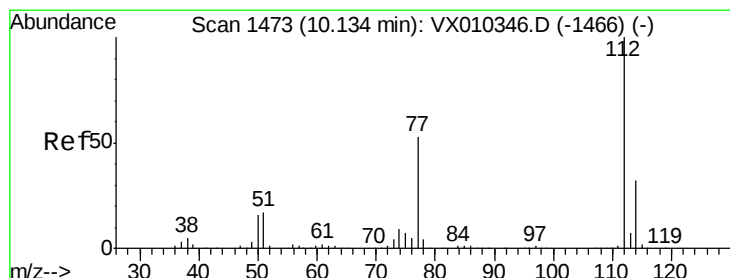
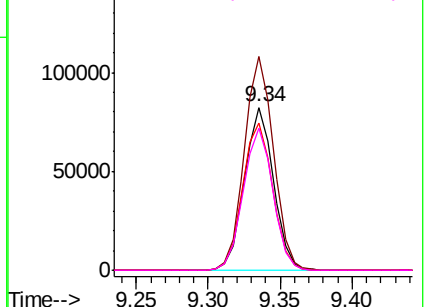
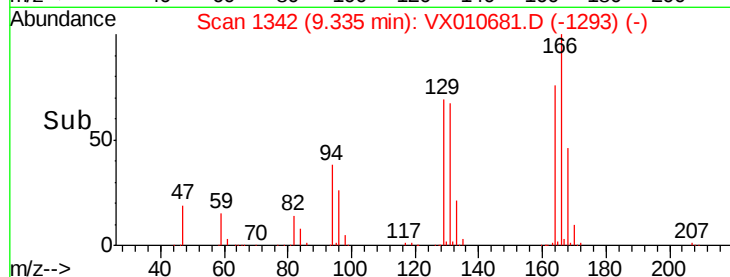
Abundance

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: 130.996 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010681.D

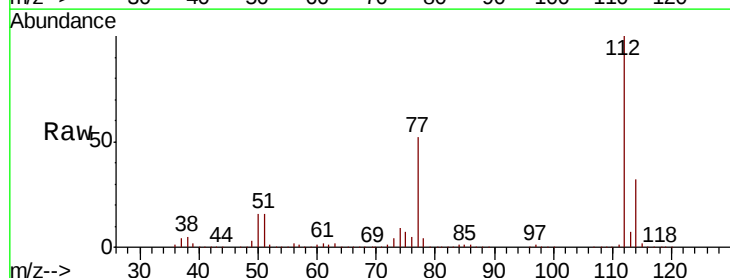
Acq: 04 Jul 2019 10:35

Tgt Ion:112 Resp: 819859

Ion Ratio Lower Upper

112 100

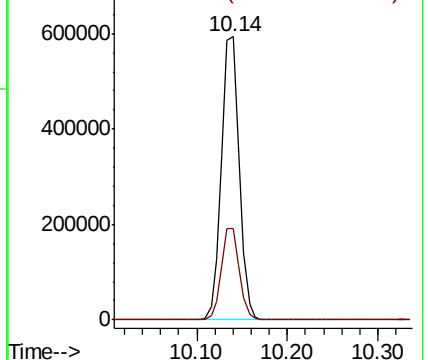
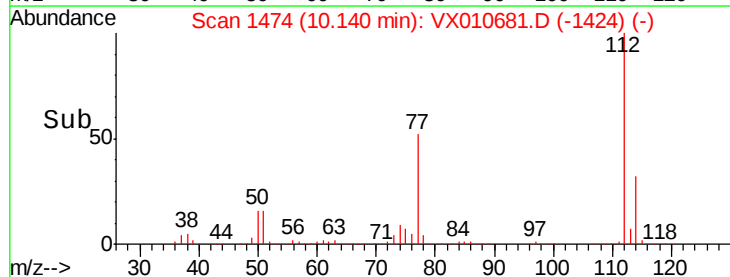
114 32.4 25.4 38.2

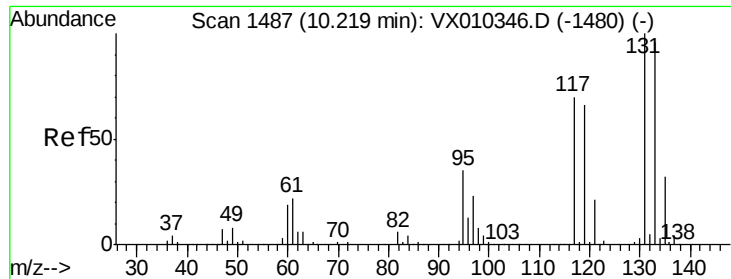


Abundance

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: 51.182 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

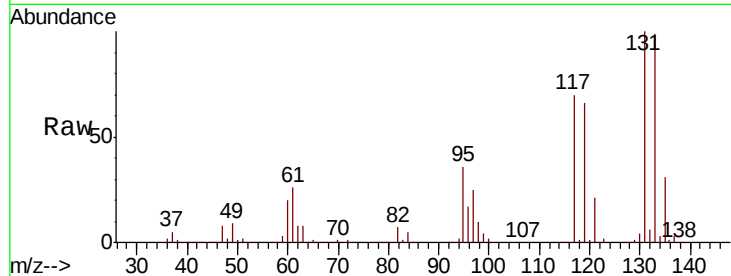
Tot Ion:131 Resp: 116681

Ion Ratio Lower Upper

131 100

133 95.9 47.7 143.1

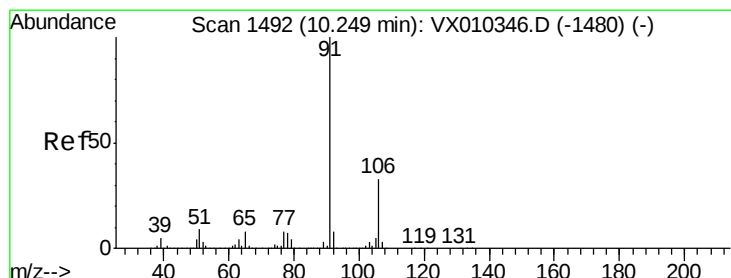
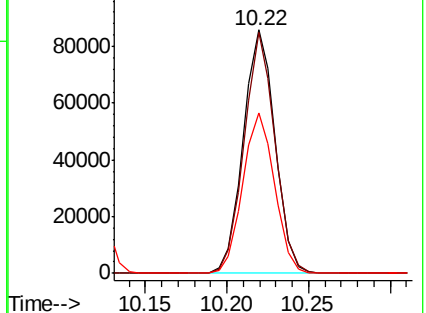
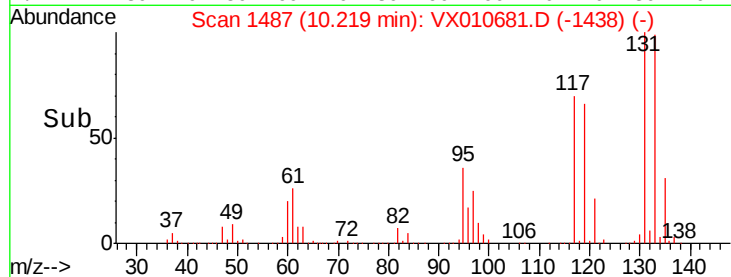
119 65.9 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 52.824 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010681.D

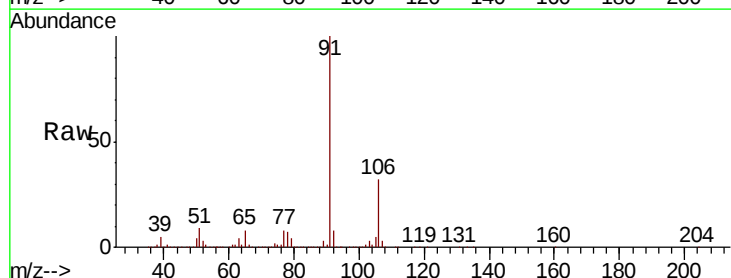
Acq: 04 Jul 2019 10:35

Tgt Ion: 91 Resp: 558134

Ion Ratio Lower Upper

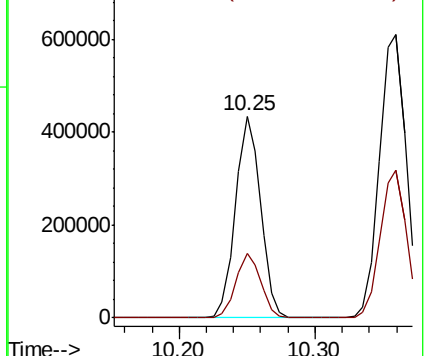
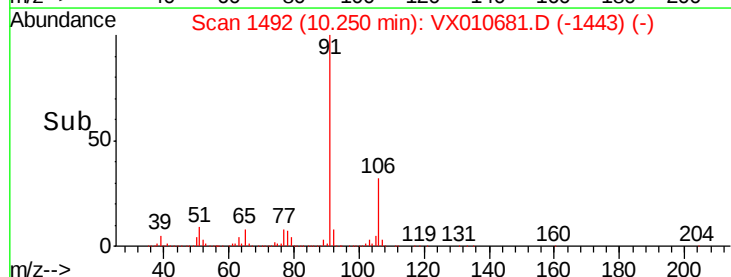
91 100

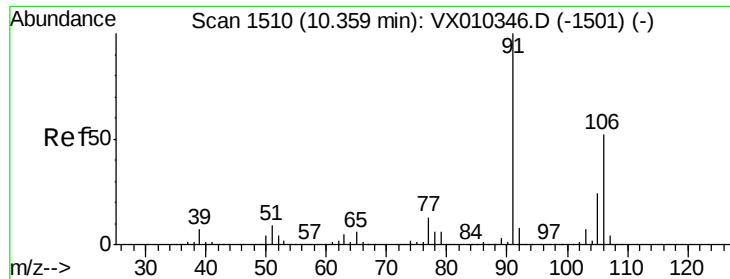
106 31.9 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

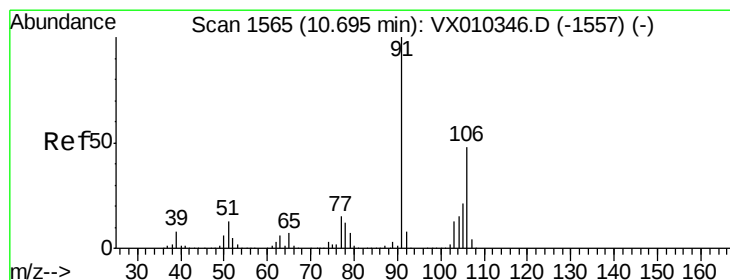
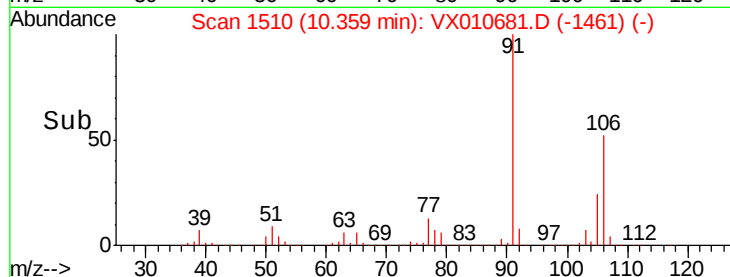
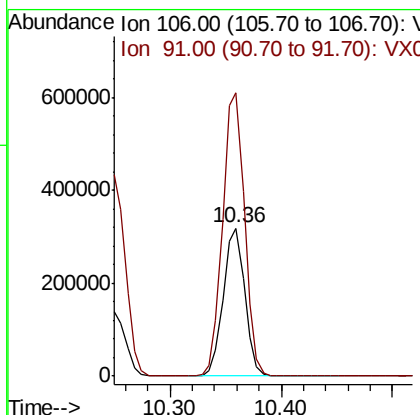
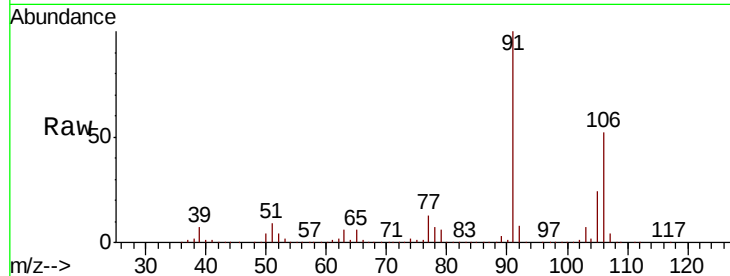




#68
m/p-Xylenes
Concen: 103.763 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

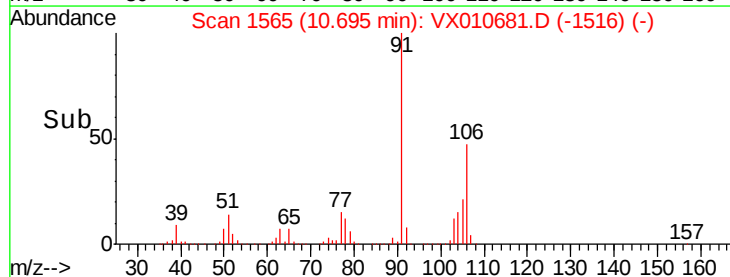
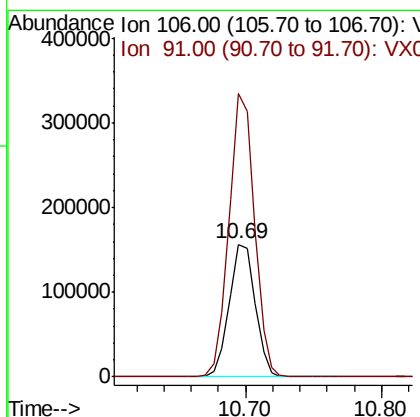
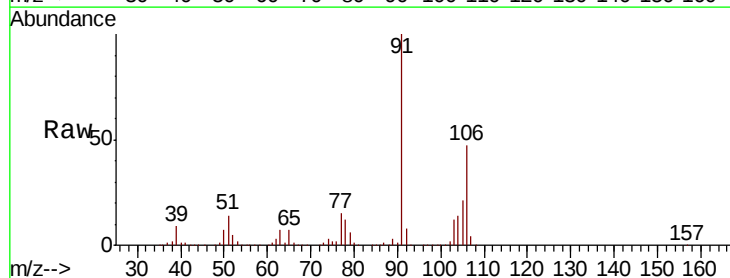
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

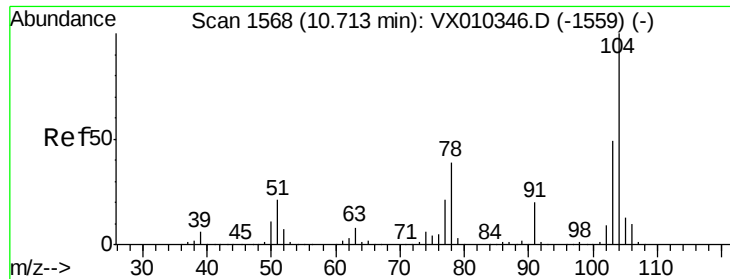
Tot Ion:106 Resp: 424814
Ion Ratio Lower Upper
106 100
91 196.1 155.3 232.9



#69
o-Xylene
Concen: 51.996 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion:106 Resp: 209342
Ion Ratio Lower Upper
106 100
91 208.6 102.7 308.1

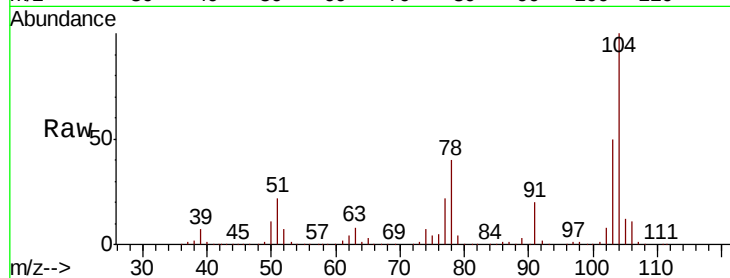




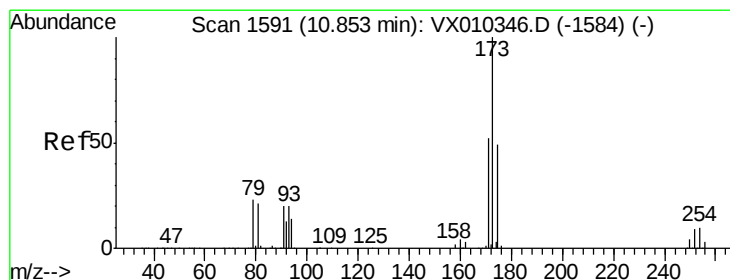
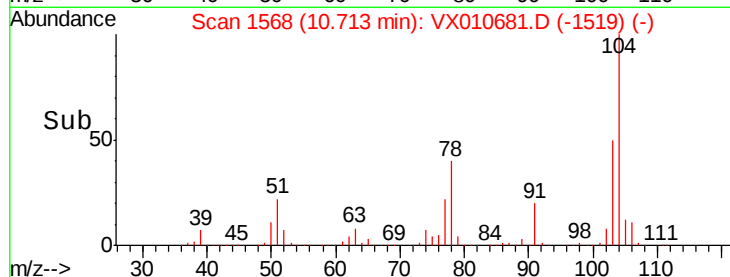
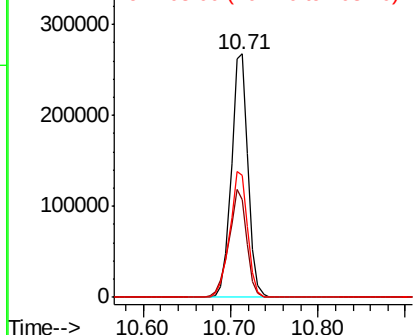
#70
Stvrene
Concen: 52.559 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion:104 Resp: 354880
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.4 44.2 66.4

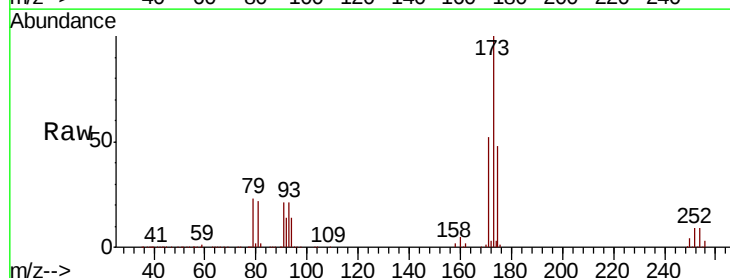


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

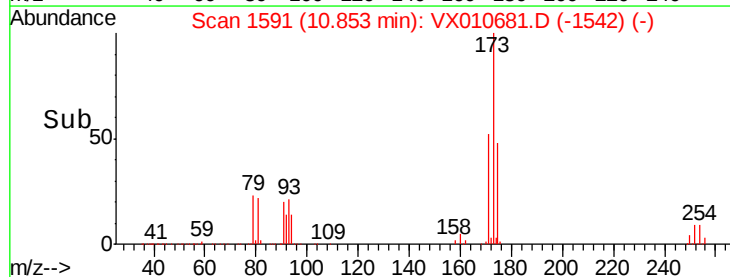
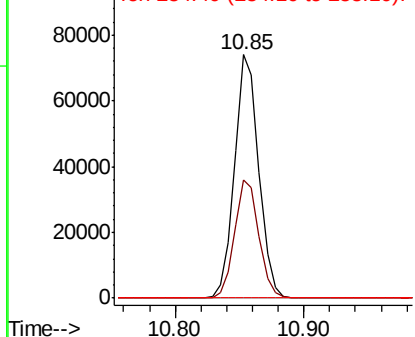


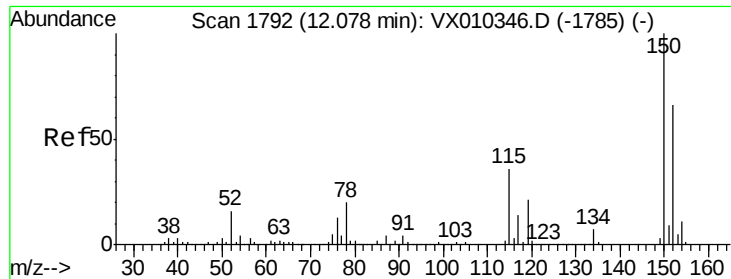
#71
Bromoform
Concen: 48.874 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion:173 Resp: 96893
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.2 0.2 0.2#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

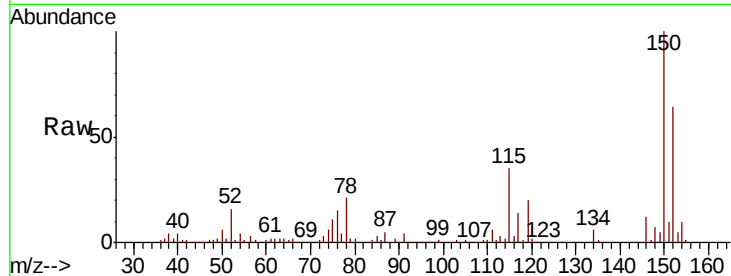
Tot Ion:152 Resp: 158930

Ion Ratio Lower Upper

152 100

115 78.5 38.6 115.7

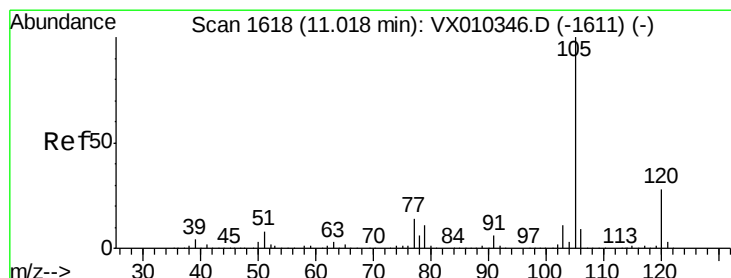
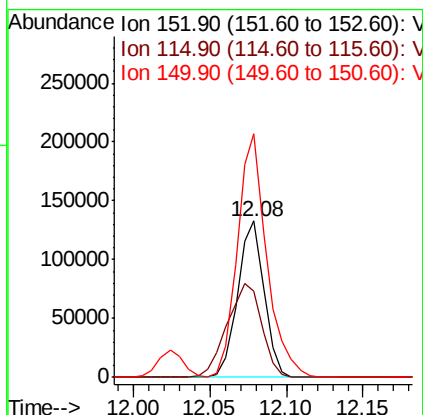
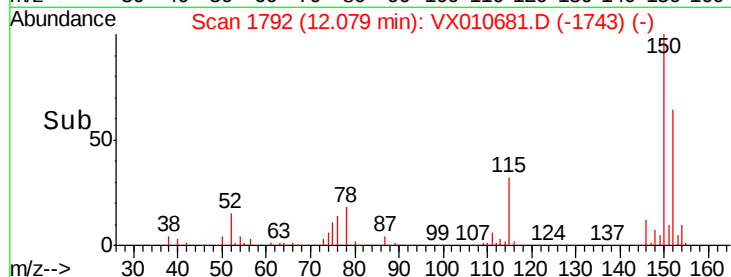
150 172.1 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 52.538 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010681.D

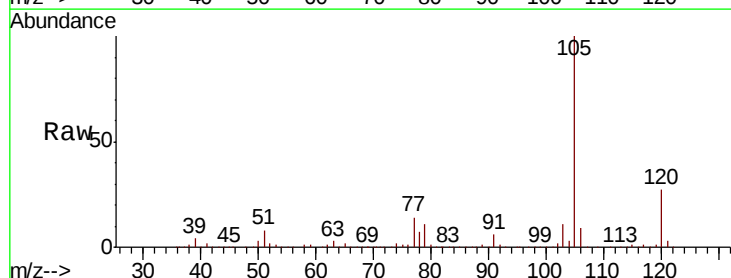
Acq: 04 Jul 2019 10:35

Tgt Ion:105 Resp: 566017

Ion Ratio Lower Upper

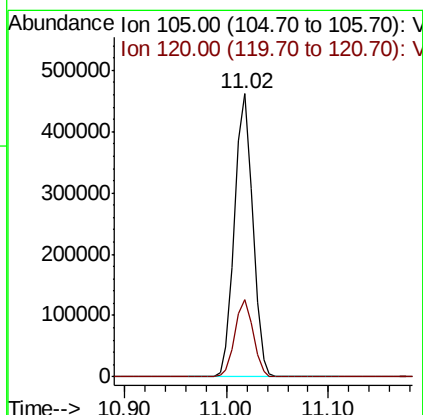
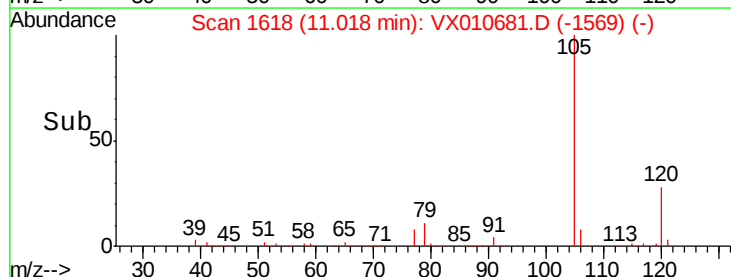
105 100

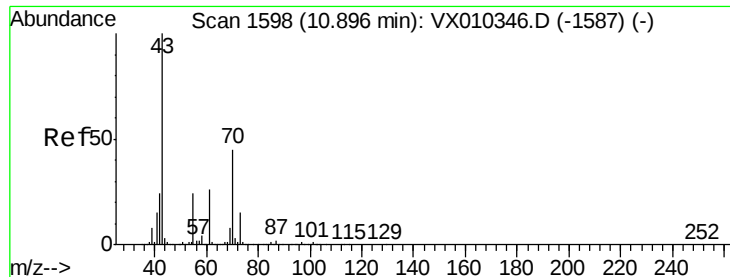
120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.446 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 43 Resp: 189107

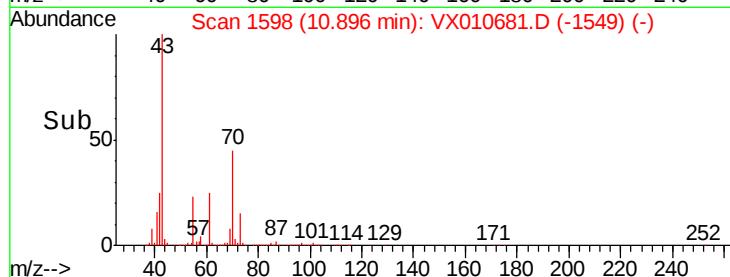
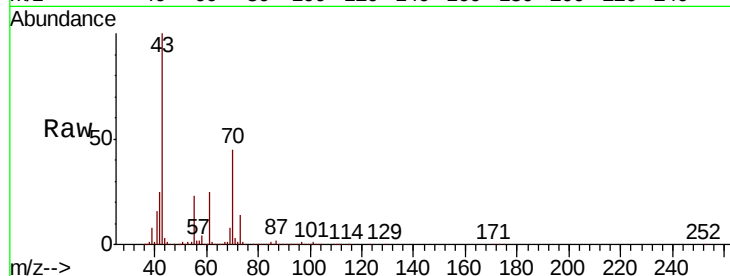
Ion Ratio Lower Upper

43 100

70 45.2 36.6 54.8

55 23.6 18.7 28.1

61 25.5 20.6 31.0

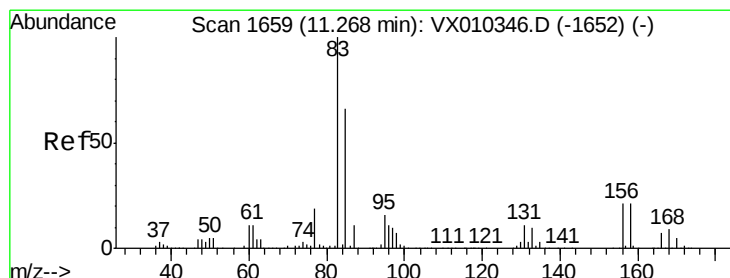
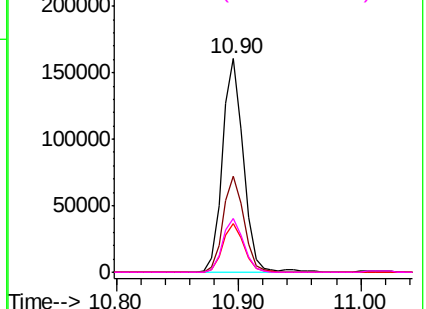


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.443 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

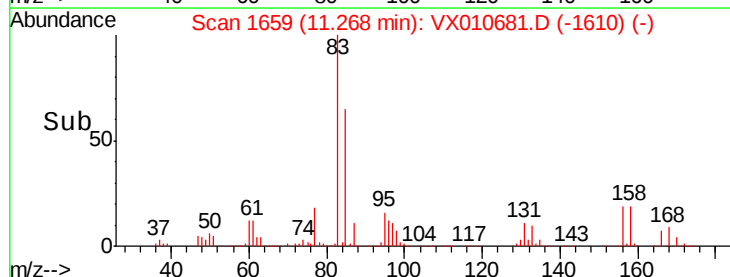
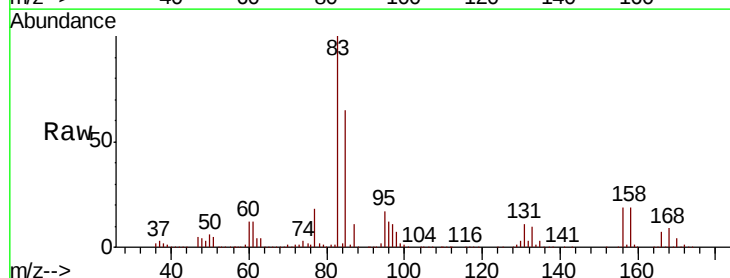
Tgt Ion: 83 Resp: 183542

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

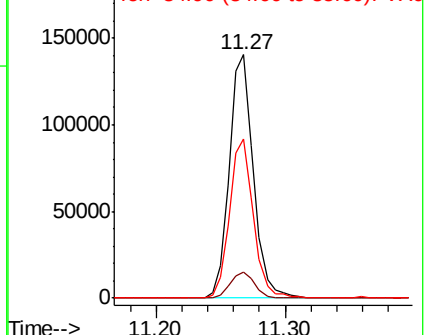
85 64.9 32.3 96.8

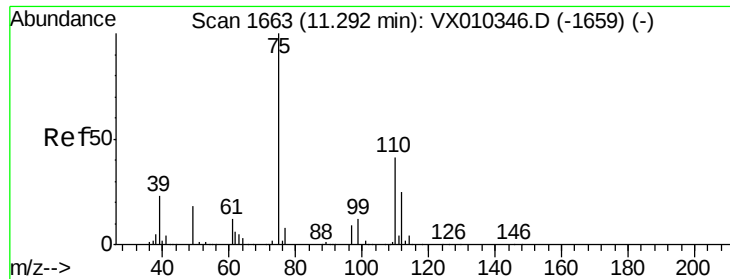


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

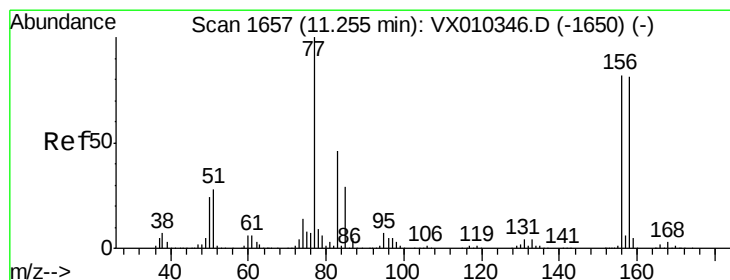
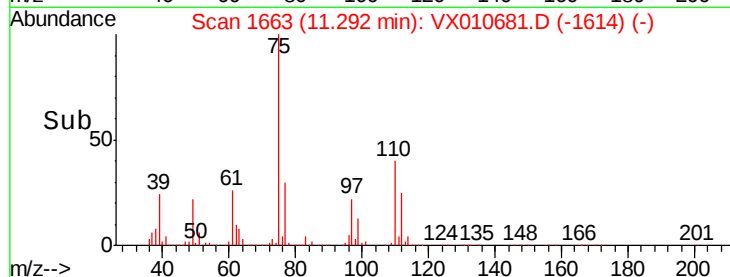
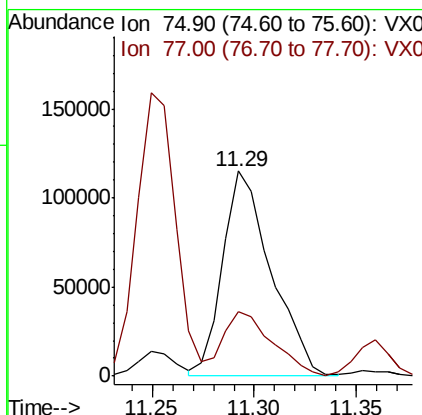
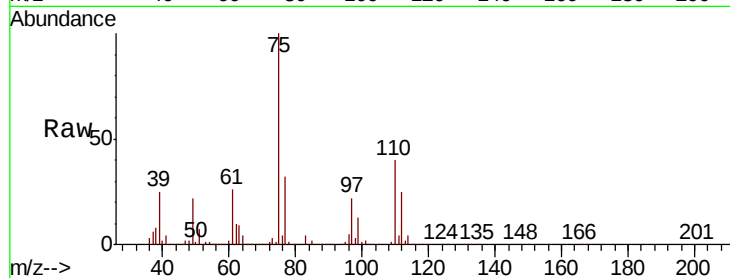




#76
 1,2,3-Trichloropropane
 Concen: 65.708 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

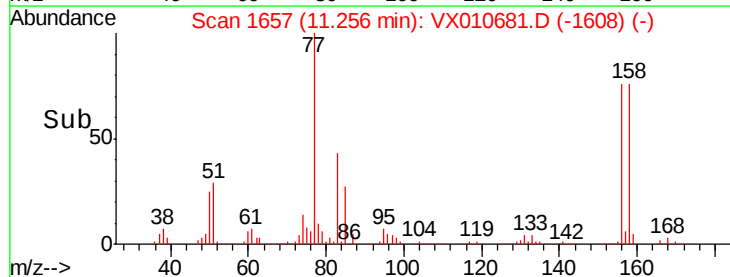
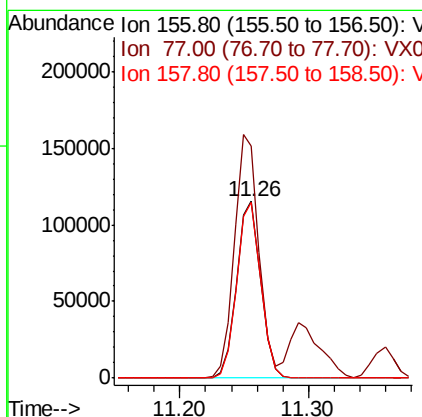
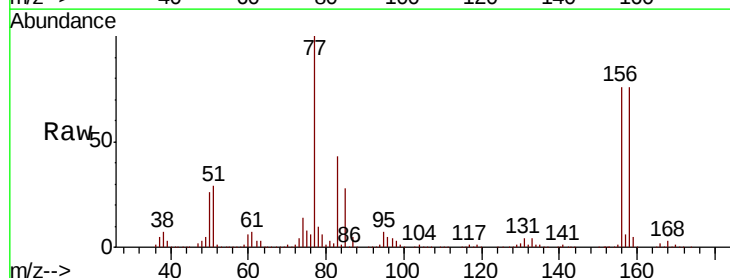
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

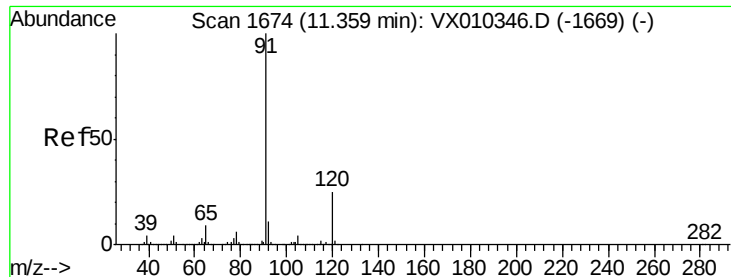
Tot Ion: 75 Resp: 190299
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.6 67.8



#77
 Bromobenzene
 Concen: 49.920 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 156 Resp: 150172
 Ion Ratio Lower Upper
 156 100
 77 138.8 66.3 198.7
 158 98.9 48.9 146.7





#78

n-propylbenzene

Concen: 51.961 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

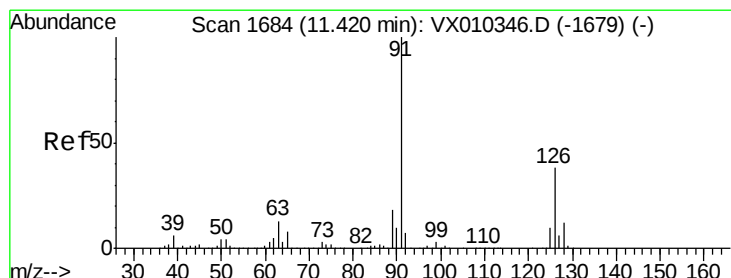
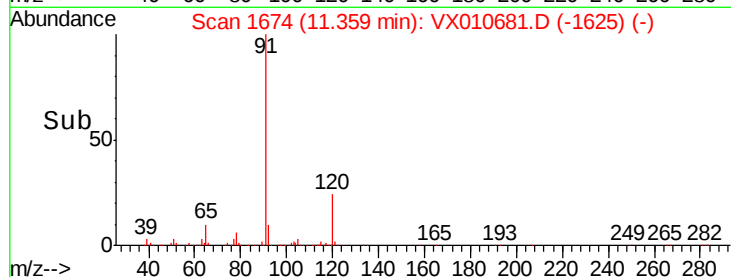
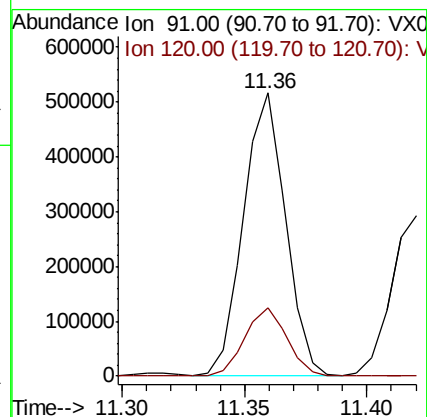
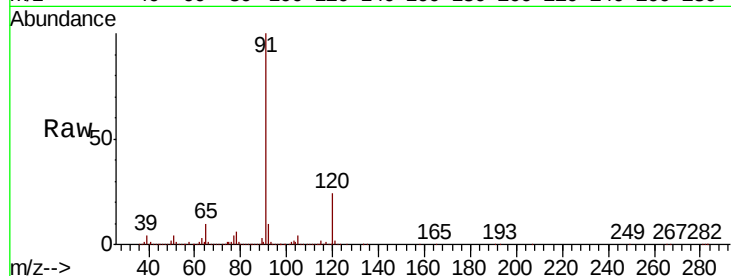
SS038RW151-190702MS

Tot Ion: 91 Resp: 615241

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 51.557 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010681.D

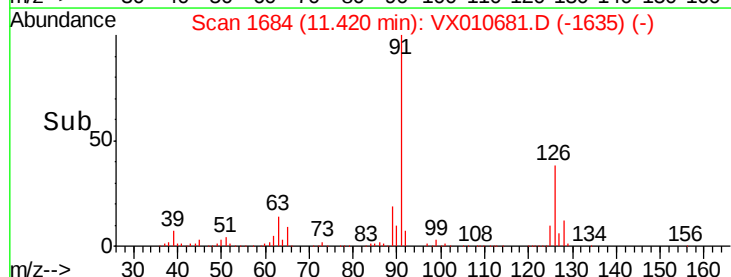
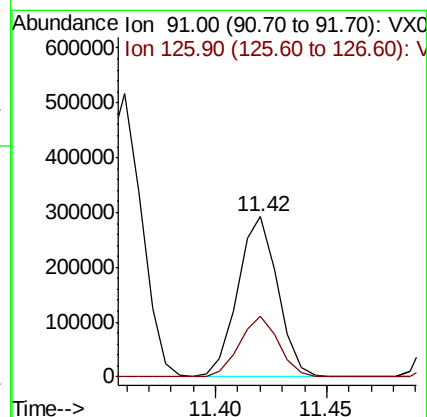
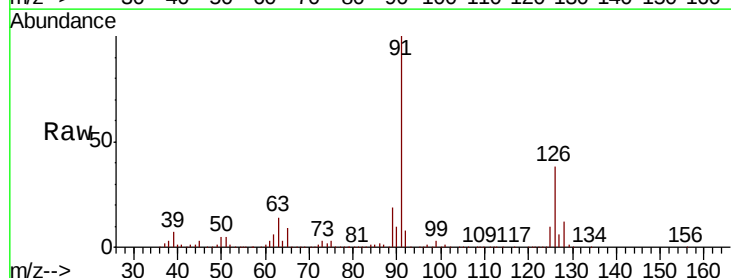
Acq: 04 Jul 2019 10:35

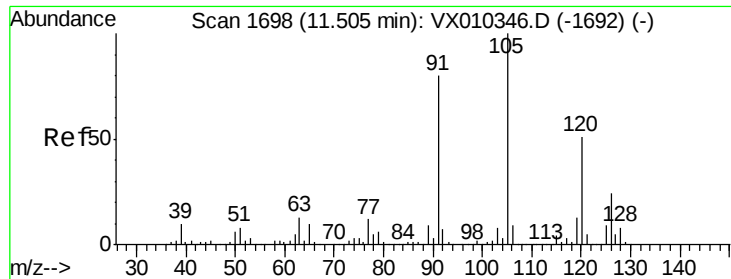
Tgt Ion: 91 Resp: 363515

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1

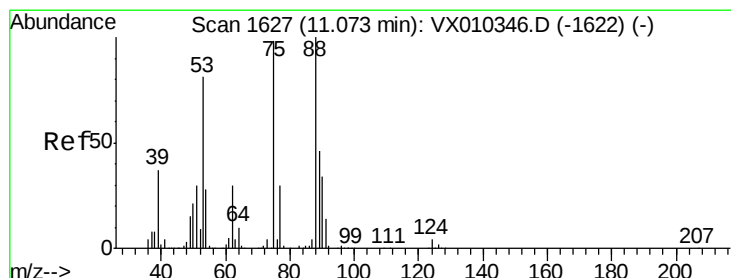
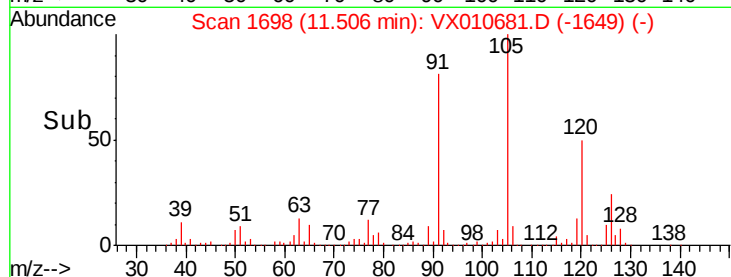
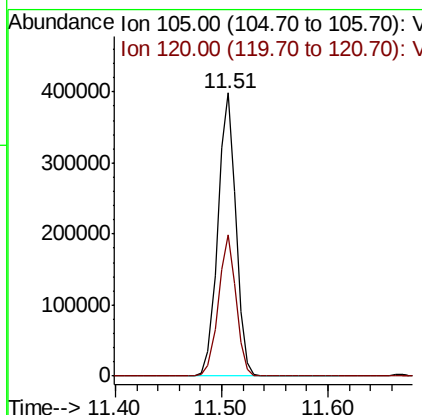
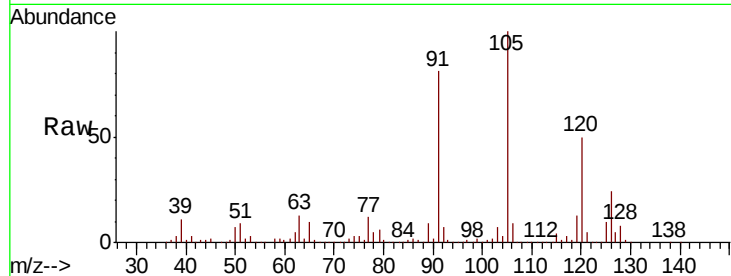




#80
 1,3,5-Trimethylbenzene
 Concen: 52.390 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

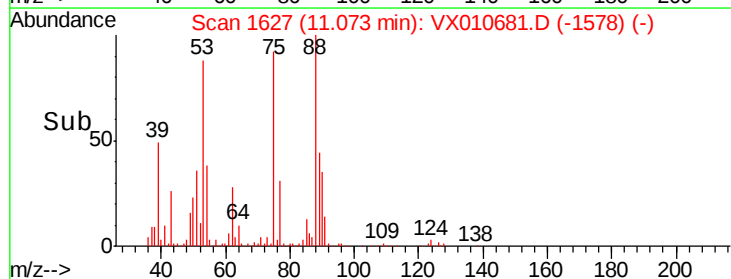
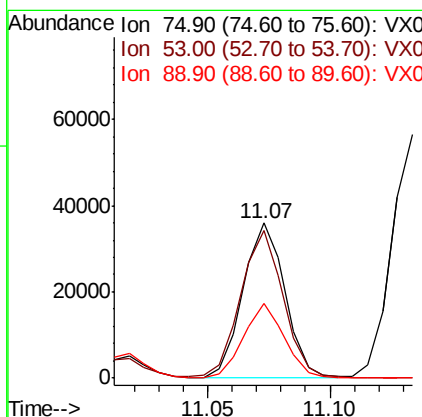
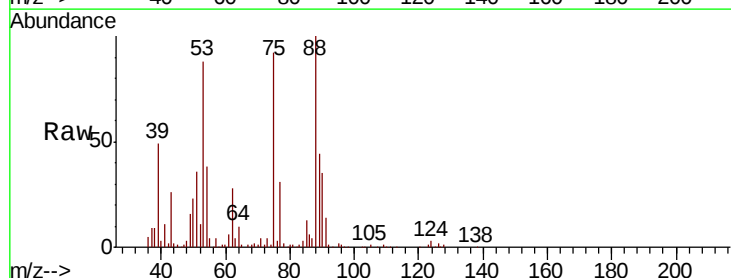
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

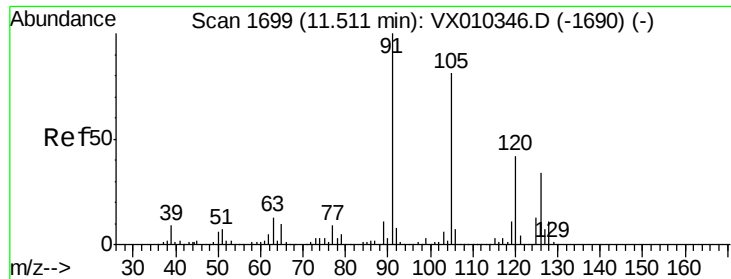
Tot Ion:105 Resp: 465298
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.459 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 75 Resp: 42778
 Ion Ratio Lower Upper
 75 100
 53 96.4 66.1 99.1
 89 46.8 37.8 56.6

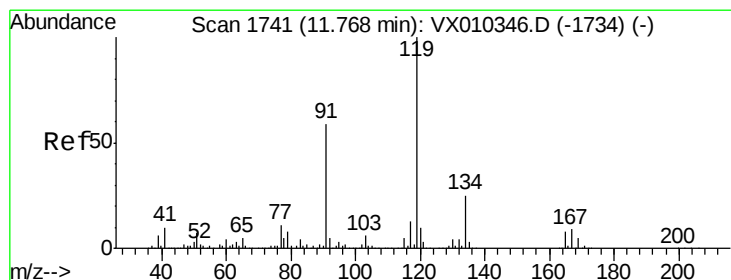
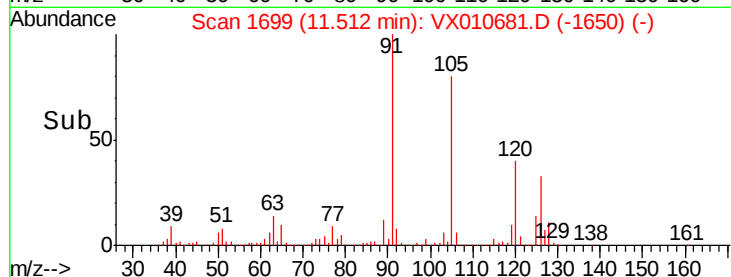
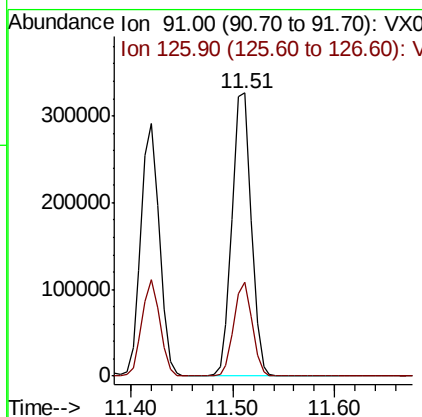
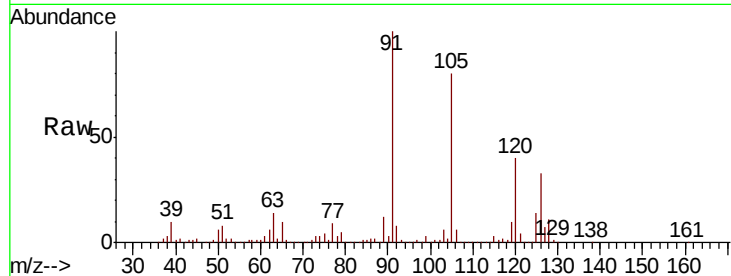




#82
4-Chlorotoluene
Concen: 52.693 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

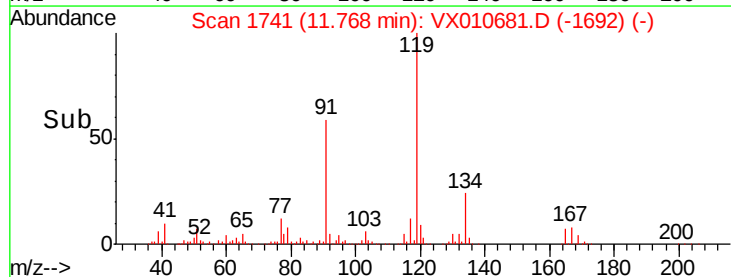
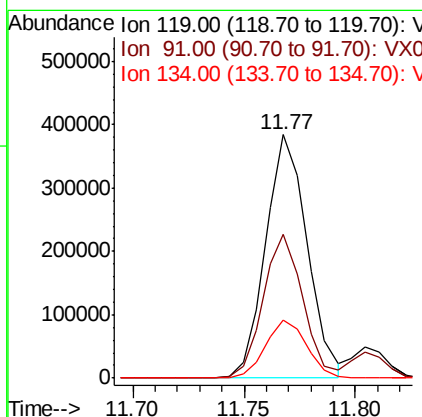
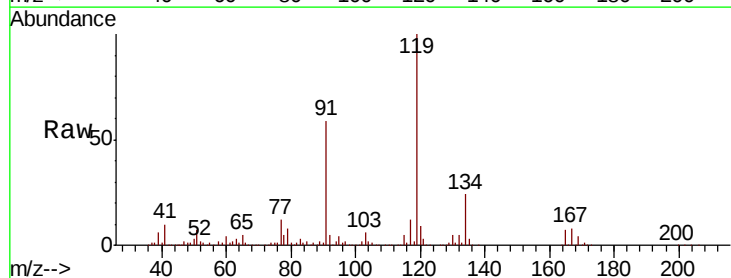
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

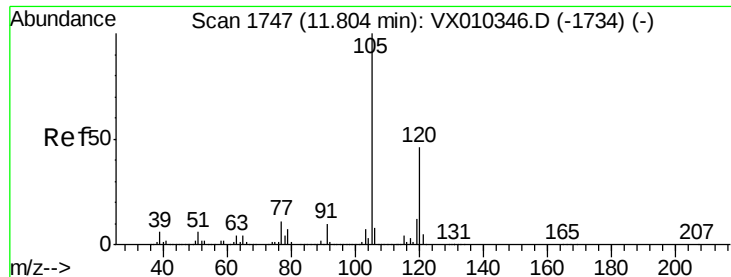
Tot Ion: 91 Resp: 422754
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6



#83
tert-Butylbenzene
Concen: 55.853 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 119 Resp: 497887
Ion Ratio Lower Upper
119 100
91 56.3 27.6 82.7
134 23.8 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 52.562 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

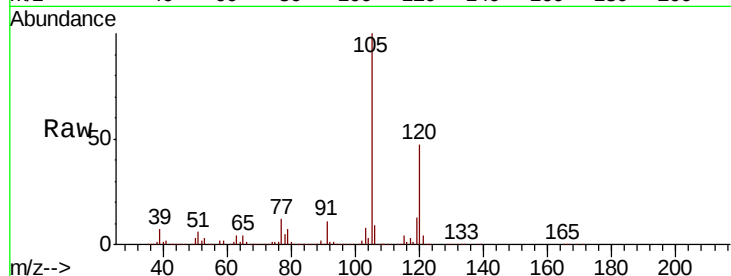
SS038RW151-190702MS

Tot Ion:105 Resp: 469012

Ion Ratio Lower Upper

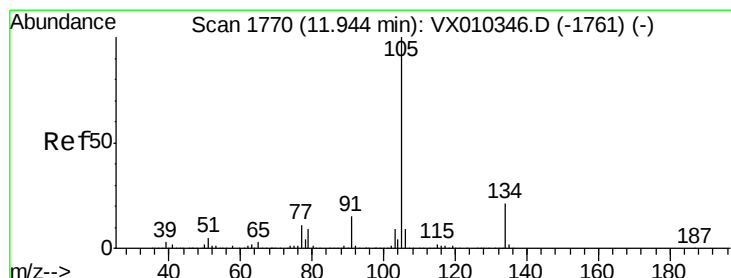
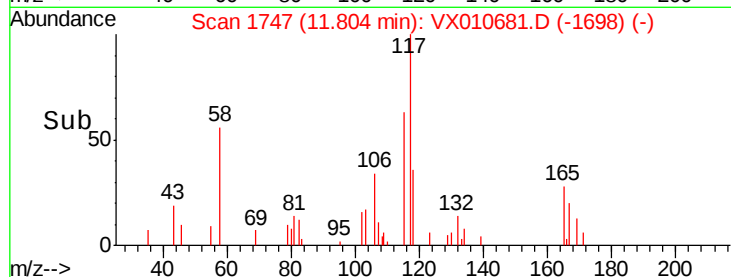
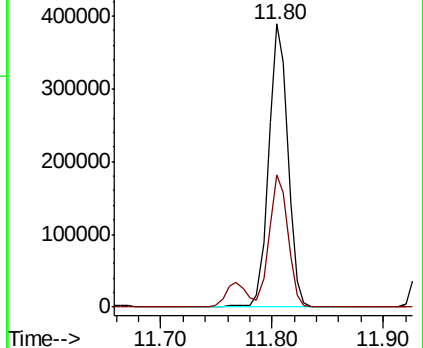
105 100

120 45.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 55.238 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010681.D

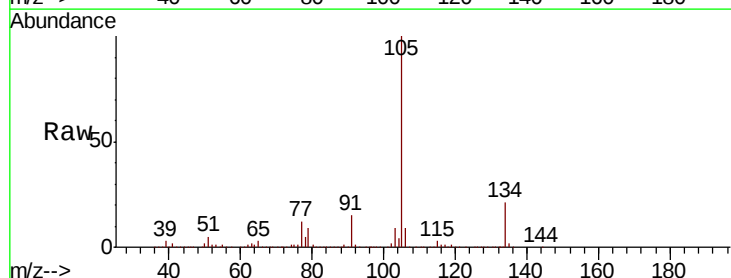
Acq: 04 Jul 2019 10:35

Tgt Ion:105 Resp: 578147

Ion Ratio Lower Upper

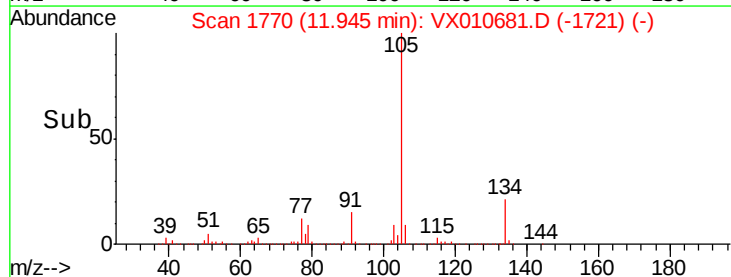
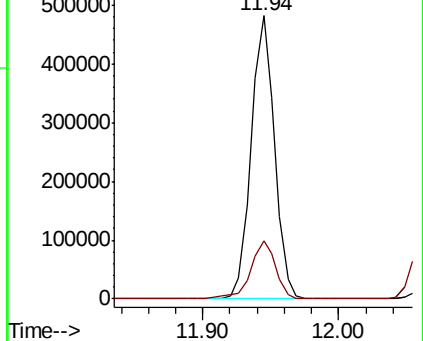
105 100

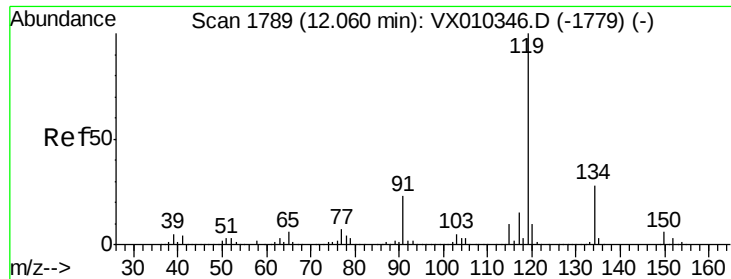
134 22.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

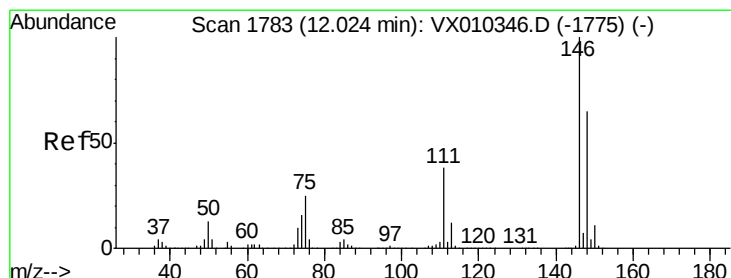
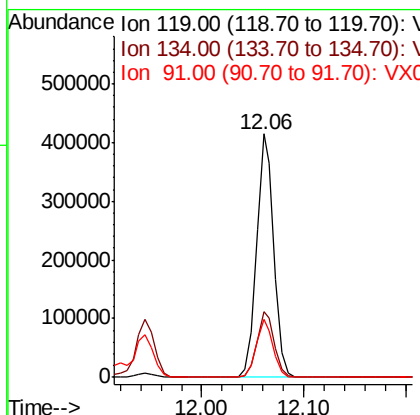
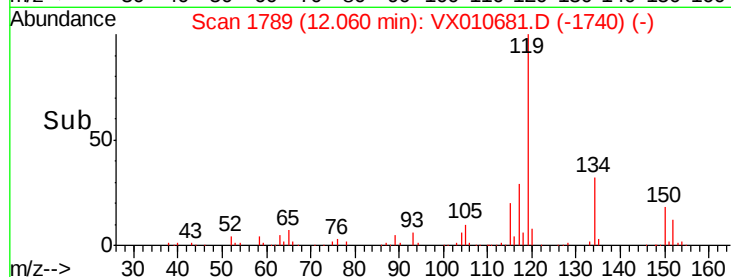
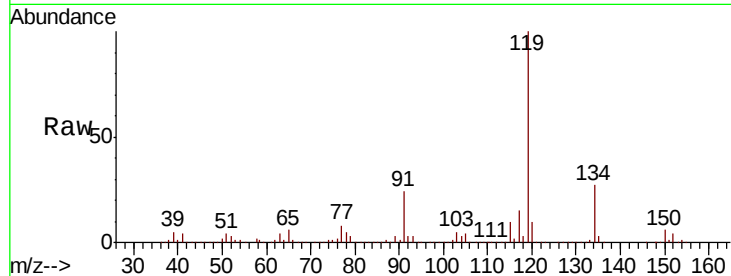




#86
p-Isopropyltoluene
Concen: 50.834 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

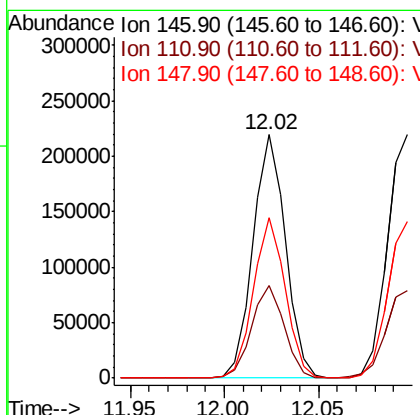
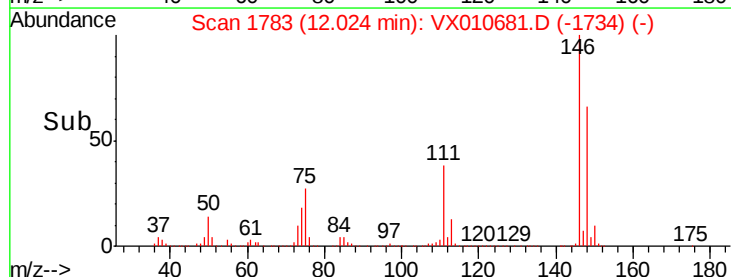
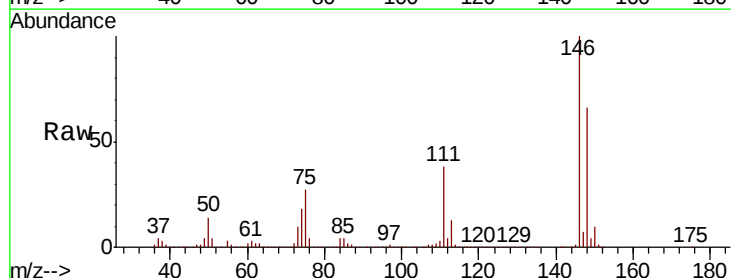
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

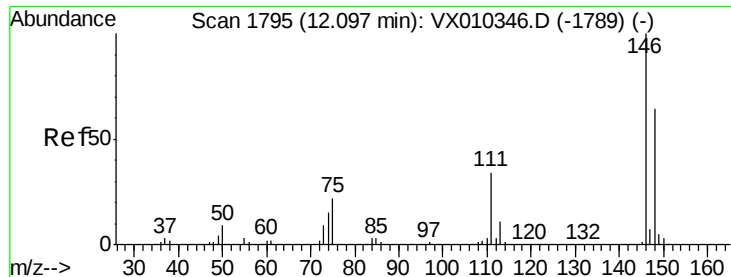
Tot Ion:119 Resp: 492132
Ion Ratio Lower Upper
119 100
134 27.1 13.7 41.1
91 23.2 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 50.027 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion:146 Resp: 262696
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 64.5 32.5 97.4





#88

1,4-Dichlorobenzene

Concen: 50.515 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

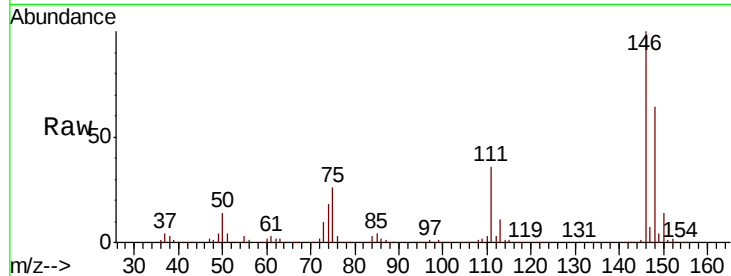
Tot Ion:146 Resp: 270049

Ion Ratio Lower Upper

146 100

111 37.0 18.1 54.3

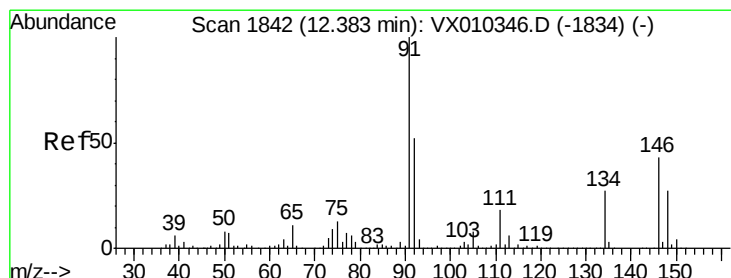
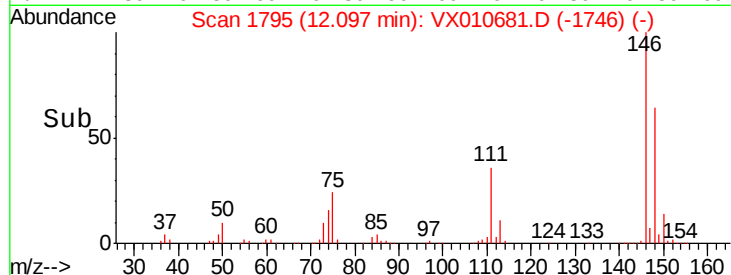
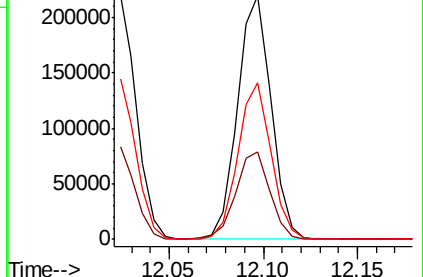
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.762 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

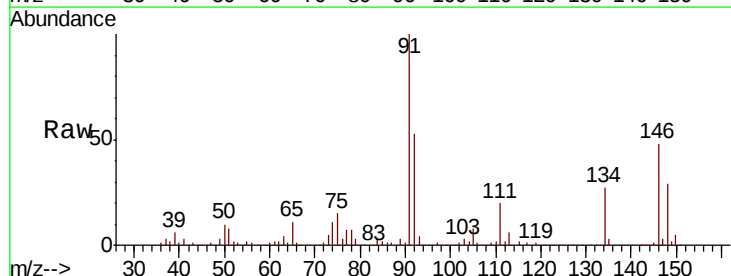
Tgt Ion: 91 Resp: 417597

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

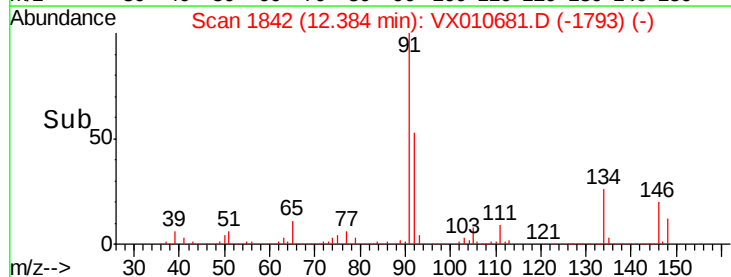
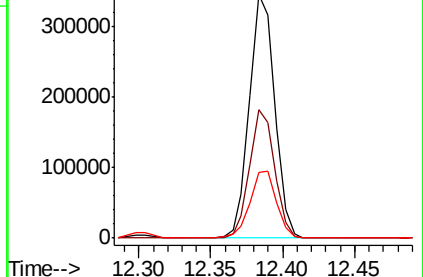
134 28.7 14.1 42.4

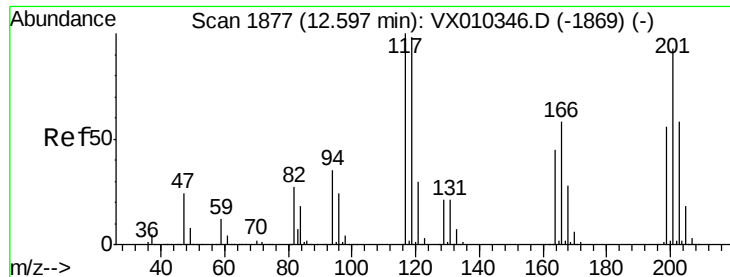


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

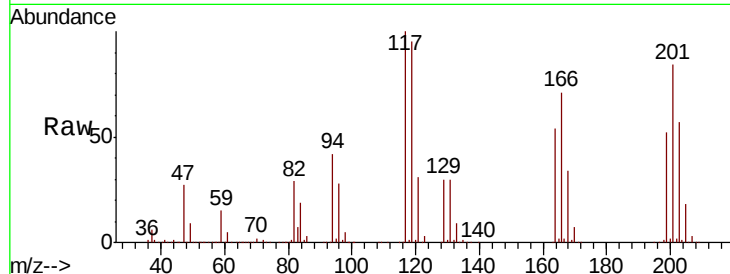




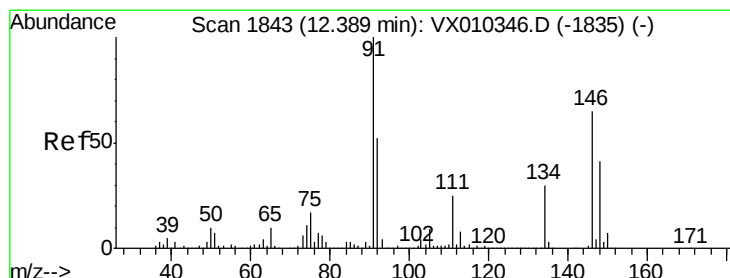
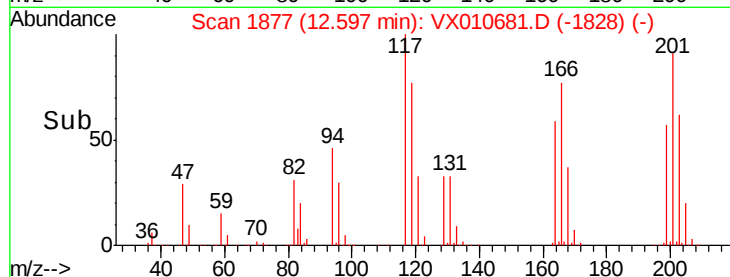
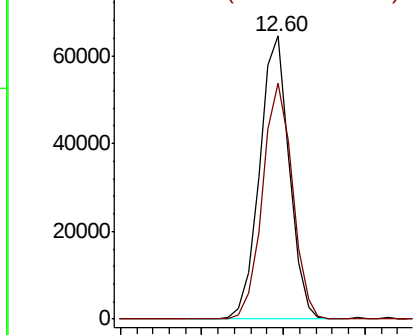
#90
Hexachloroethane
Concen: 48.461 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion:117 Resp: 81124
Ion Ratio Lower Upper
117 100
201 83.8 44.0 131.8

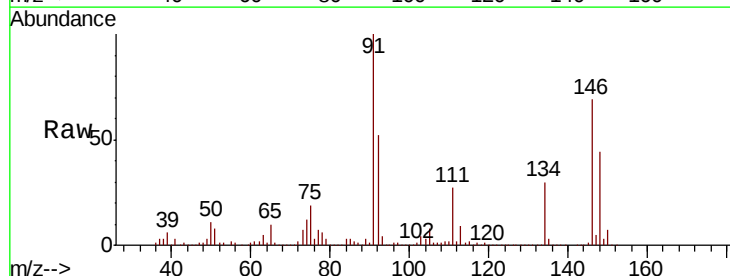


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

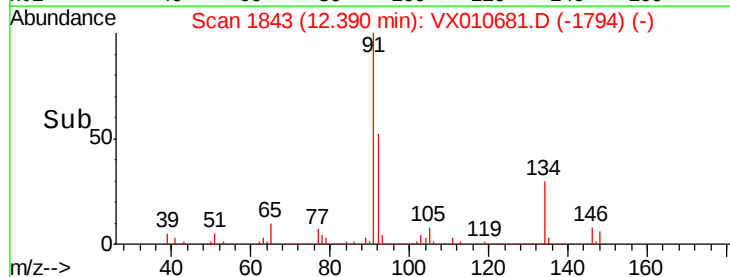
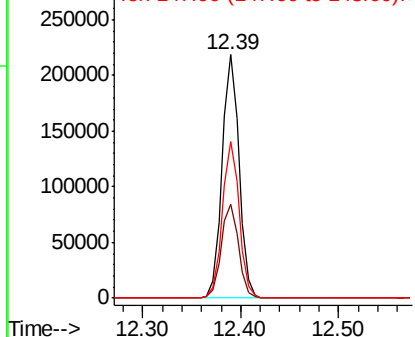


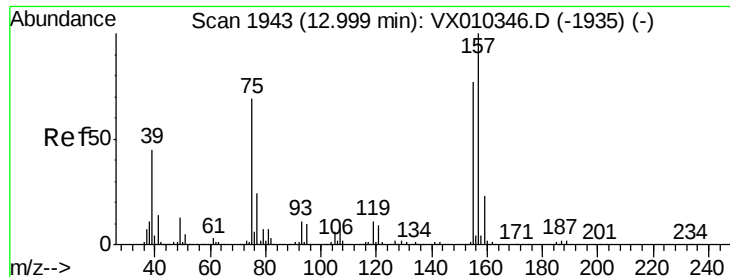
#91
1,2-Dichlorobenzene
Concen: 50.447 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion:146 Resp: 263282
Ion Ratio Lower Upper
146 100
111 39.4 19.2 57.6
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.121 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

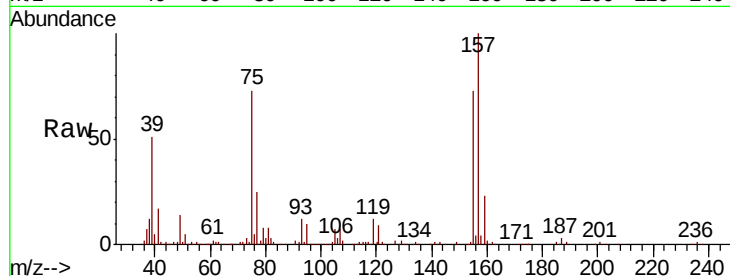
Tot Ion: 75 Resp: 38556

Ion Ratio Lower Upper

75 100

155 98.5 54.4 163.1

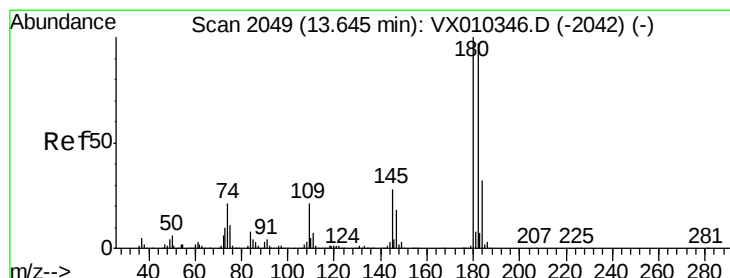
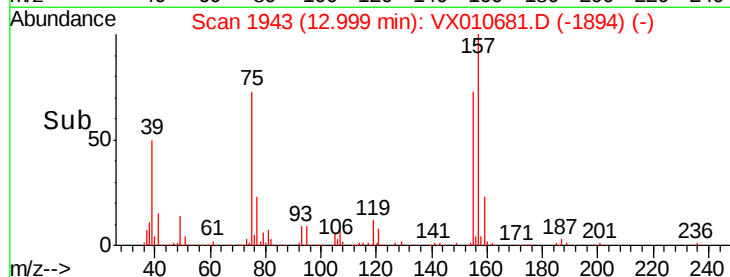
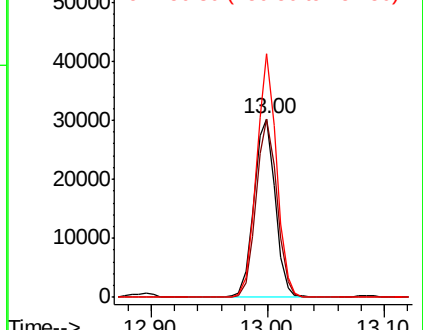
157 128.0 69.5 208.3



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: 48.477 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

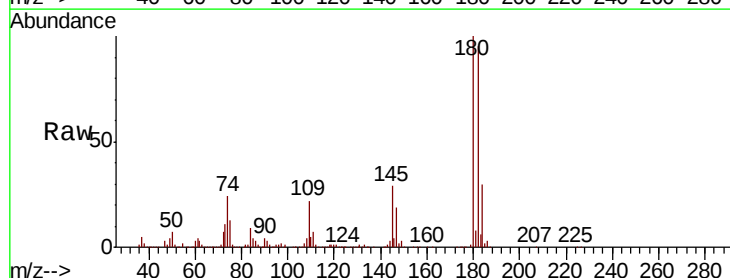
Tgt Ion:180 Resp: 175450

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

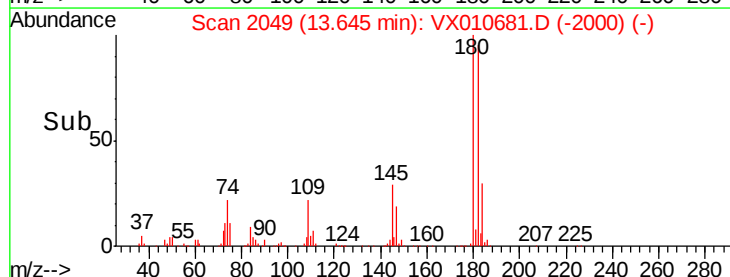
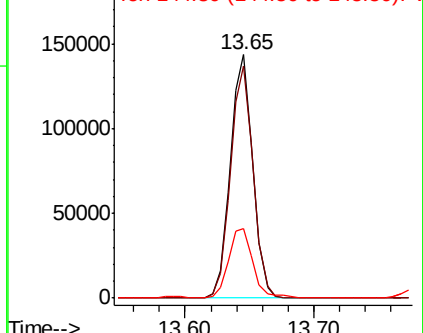
145 31.5 14.4 43.4

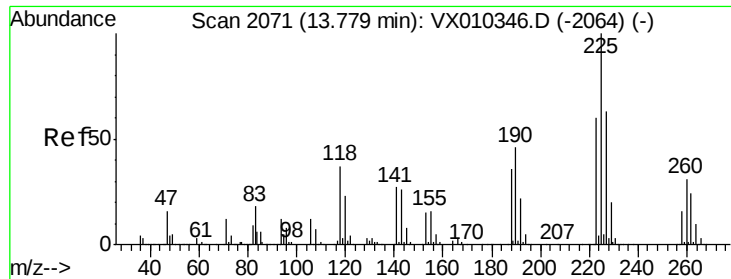


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.449 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

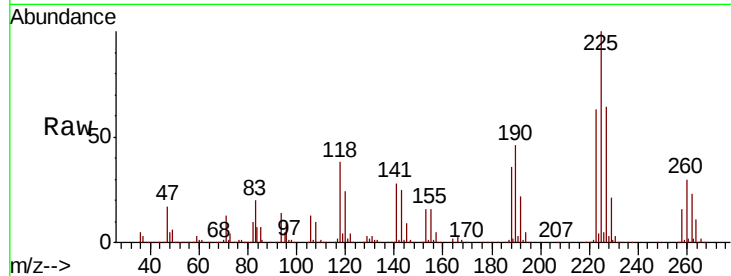
Tot Ion:225 Resp: 83931

Ion Ratio Lower Upper

225 100

223 63.2 30.9 92.7

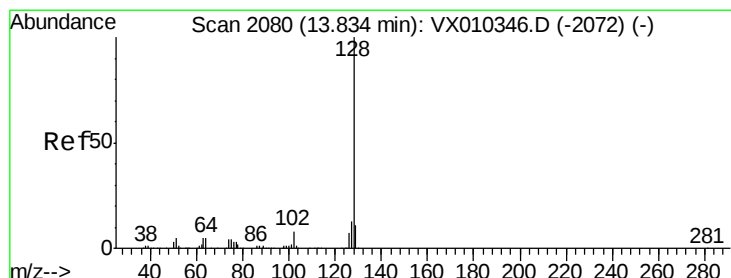
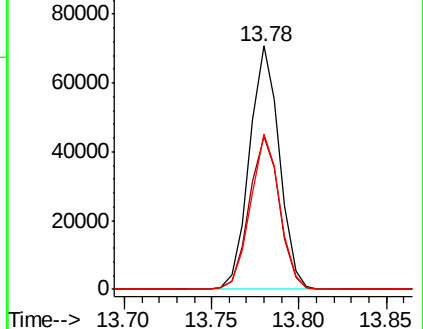
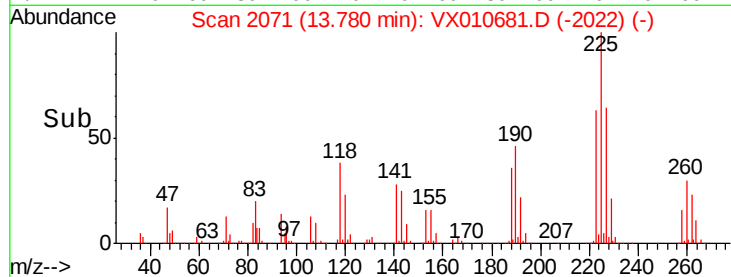
227 62.1 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.582 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

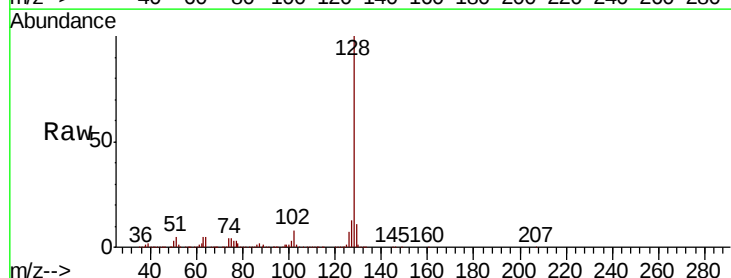
Tgt Ion:128 Resp: 562579

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

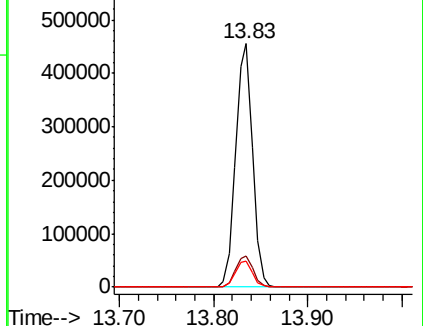
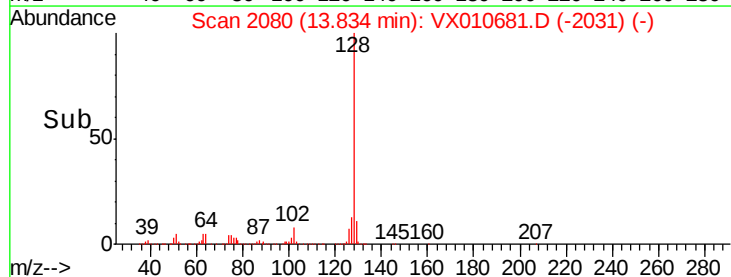
129 10.9 8.9 13.3

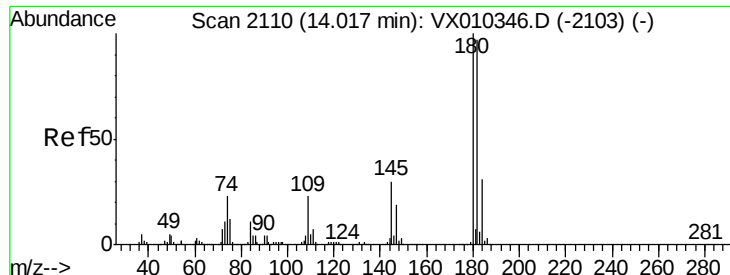


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

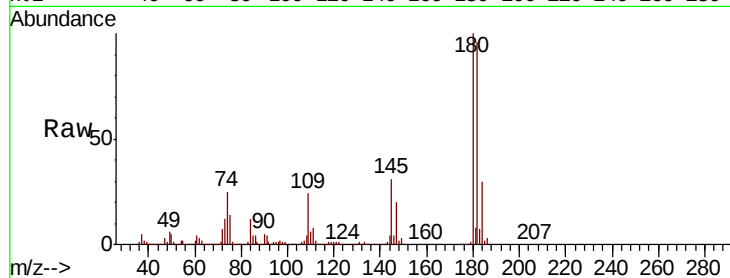




#96
 1,2,3-Trichlorobenzene
 Concen: 50.107 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	31.8	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

