

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010135.D
 Acq On : 08 Jun 2019 01:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 08 02:27:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	403181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200907	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	144097	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
35) Dibromofluoromethane	5.50	113	142501	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
50) Toluene-d8	8.71	98	543397	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	11.13	95	202083	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	138529	53.037	ug/l	99
3) Chloromethane	1.32	50	134533	51.864	ug/l	100
4) Vinyl Chloride	1.41	62	134755	55.274	ug/l	99
5) Bromomethane	1.64	94	49522	53.829	ug/l	97
6) Chloroethane	1.71	64	71001	57.763	ug/l	100
7) Trichlorofluoromethane	1.92	101	198432	54.794	ug/l	99
8) Diethyl Ether	2.19	74	66819	53.533	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119933	48.044	ug/l	91
10) Methyl Iodide	2.51	142	202234	52.288	ug/l	97
11) Tert butyl alcohol	3.05	59	192573	283.706	ug/l	98
12) 1,1-Dichloroethene	2.37	96	128036	50.216	ug/l #	76
13) Acrolein	2.29	56	30797	248.828	ug/l	99
14) Allyl chloride	2.73	41	183195	47.599	ug/l #	88
15) Acrylonitrile	3.14	53	362445	261.240	ug/l	98
16) Acetone	2.45	43	286225	219.627	ug/l #	86
17) Carbon Disulfide	2.57	76	350037	47.513	ug/l	98
18) Methyl Acetate	2.78	43	145012	50.596	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	404077	49.330	ug/l	94
20) Methylene Chloride	2.85	84	141055	49.284	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	135109	47.883	ug/l #	77
22) Diisopropyl ether	3.85	45	376125	51.115	ug/l #	88
23) Vinyl Acetate	3.81	43	1682280	256.266	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	218779	48.968	ug/l	95
25) 2-Butanone	4.67	43	494895	255.017	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	146698	35.992	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	158470	50.484	ug/l	76
28) Bromochloromethane	5.02	49	94991	47.440	ug/l #	47
29) Tetrahydrofuran	5.13	42	322569	264.487	ug/l #	76
30) Chloroform	5.21	83	233627	50.351	ug/l	99
31) Cyclohexane	5.58	56	201945	50.083	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	211742	48.542	ug/l	93
36) 1,1-Dichloropropene	5.80	75	171199	47.884	ug/l	91
37) Ethyl Acetate	4.84	43	183708	49.384	ug/l #	90
38) Carbon Tetrachloride	5.79	117	195302	48.261	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224172	46.046	ug/l #	84
40) Benzene	6.14	78	551107	49.849	ug/l	98
41) Methacrylonitrile	5.04	41	100038	49.714	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	170434	48.289	ug/l	93
43) Isopropyl Acetate	6.45	43	307967	49.514	ug/l #	88
44) Trichloroethene	7.21	130	170998	51.313	ug/l	86
45) 1,2-Dichloropropane	7.51	63	138819	50.168	ug/l	98
46) Dibromomethane	7.66	93	97944	47.246	ug/l	89
47) Bromodichloromethane	7.90	83	189945	49.035	ug/l	99
48) Methyl methacrylate	7.77	41	146965	50.524	ug/l #	77
49) 1,4-Dioxane	7.74	88	83686	1009.071	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	980797	263.960	ug/l	90
52) Toluene	8.78	92	357237	49.157	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	210157	46.904	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	224307	46.697	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	152836	51.352	ug/l	95
56) Ethyl methacrylate	9.18	69	241608	51.390	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	232207	49.557	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	542156	244.613	ug/l #	87
59) 2-Hexanone	9.49	43	762237	257.289	ug/l	87
60) Dibromochloromethane	9.58	129	177083	50.302	ug/l	100
61) 1,2-Dibromoethane	9.67	107	165705	49.989	ug/l	99
64) Tetrachloroethene	9.34	164	151700	50.659	ug/l	96
65) Chlorobenzene	10.14	112	406738	48.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	159771	49.927	ug/l	99
67) Ethyl Benzene	10.25	91	695271	49.081	ug/l	95
68) m/p-Xylenes	10.36	106	542183	98.907	ug/l	90
69) o-Xylene	10.69	106	265738	48.767	ug/l	90
70) Styrene	10.71	104	458601	49.691	ug/l	95
71) Bromoform	10.85	173	145154	49.341	ug/l #	98
73) Isopropylbenzene	11.02	105	698560	49.809	ug/l	95
74) N-amyl acetate	10.90	43	279973	50.501	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	237125	49.393	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	271608	67.589	ug/l	81
77) Bromobenzene	11.26	156	189898	49.238	ug/l	84
78) n-propylbenzene	11.36	91	774368	49.596	ug/l	94
79) 2-Chlorotoluene	11.42	91	462359	49.306	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	584424	49.475	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	83159	45.722	ug/l #	84
82) 4-Chlorotoluene	11.51	91	530071	49.761	ug/l	92
83) tert-Butylbenzene	11.77	119	588609	49.232	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	589756	49.428	ug/l	95
85) sec-Butylbenzene	11.94	105	686276	49.269	ug/l	96
86) p-Isopropyltoluene	12.06	119	625340	49.109	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	332097	48.886	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	329371	48.097	ug/l	98
89) n-Butylbenzene	12.38	91	532761	48.605	ug/l	97
90) Hexachloroethane	12.59	117	125203	49.358	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	326998	49.513	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53477	47.337	ug/l	67

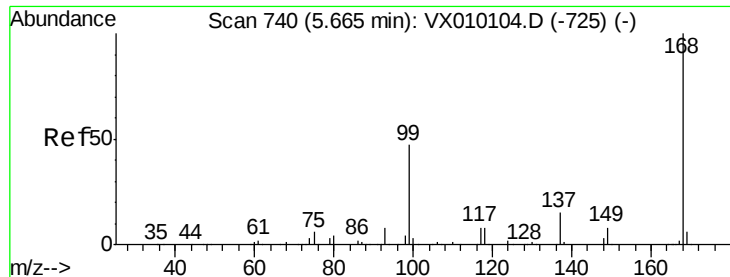
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	228851	47.339	ug/l	99
94) Hexachlorobutadiene	13.78	225	98164	45.658	ug/l	99
95) Naphthalene	13.83	128	746204	49.035	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	230737	48.272	ug/l	100

(#) = 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: VX010135.D

Acq: 08 Jun 2019 01:37

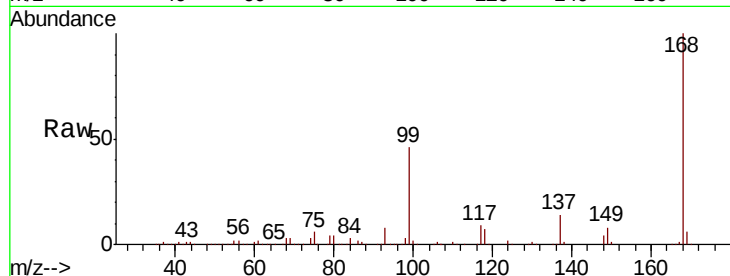
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 283863

Ion Ratio Lower Upper

168 100

99 46.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

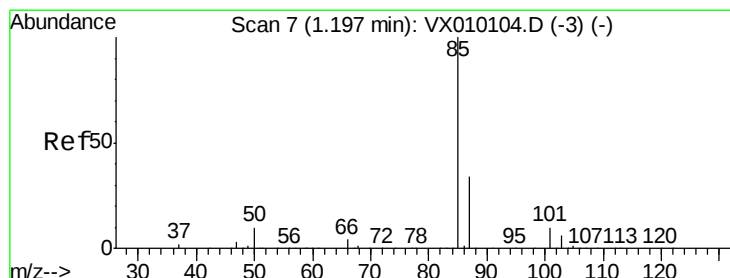
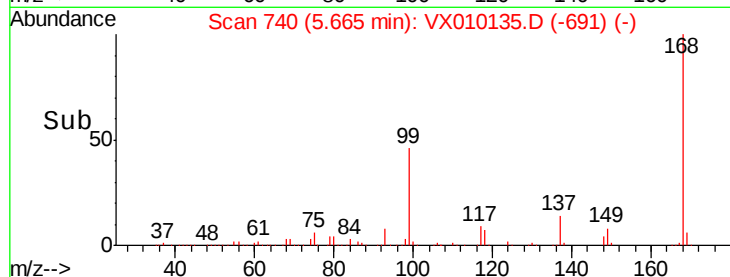
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.037 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010135.D

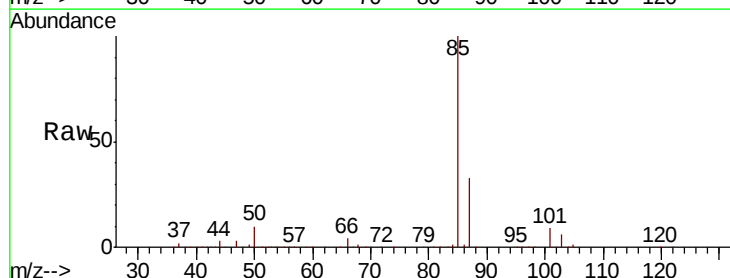
Acq: 08 Jun 2019 01:37

Tgt Ion: 85 Resp: 138529

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

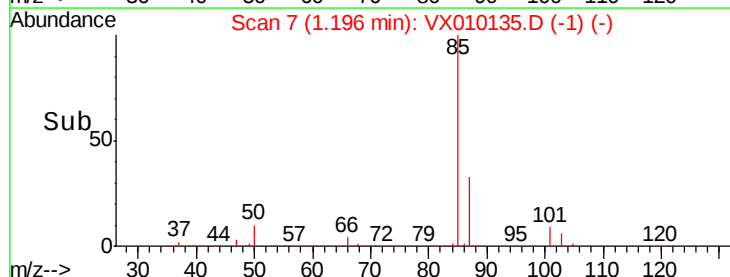
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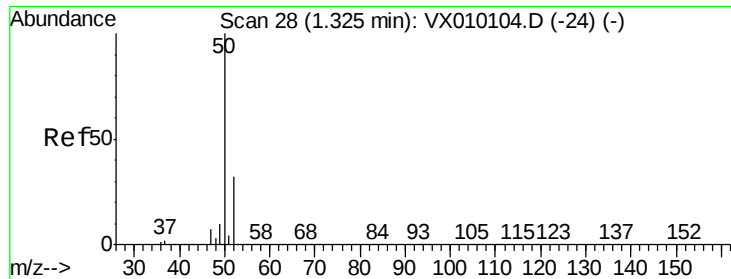
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.864 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

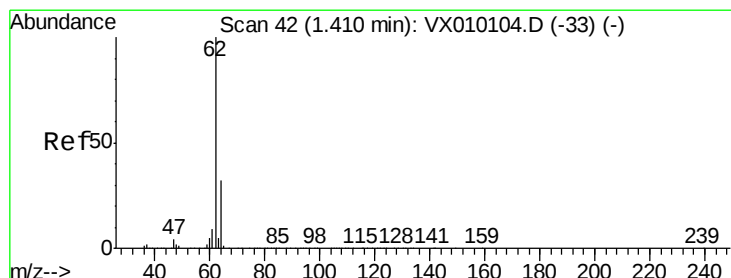
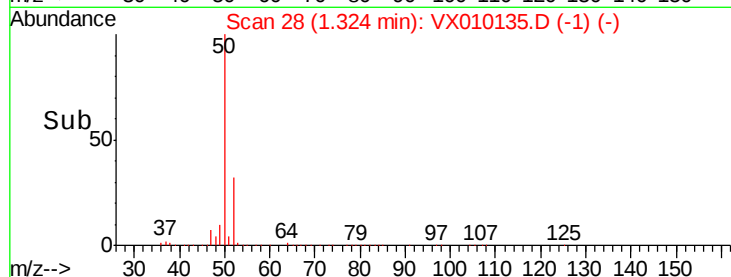
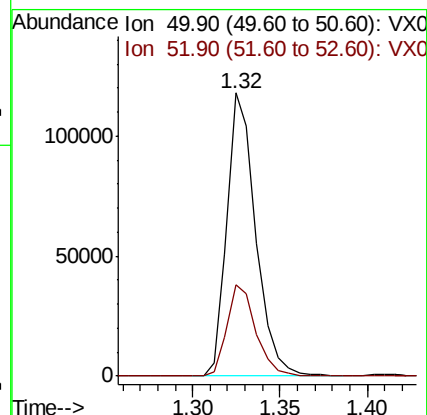
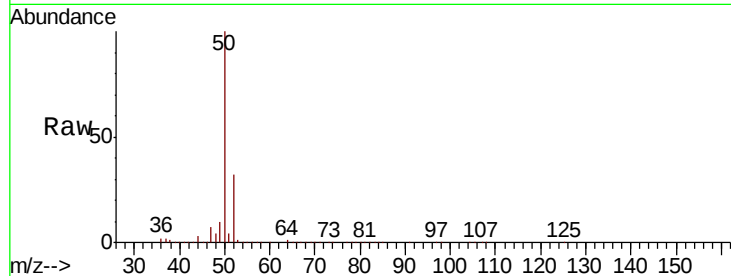
VSTDCCC050EC

Tot Ion: 50 Resp: 134533

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 55.274 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010135.D

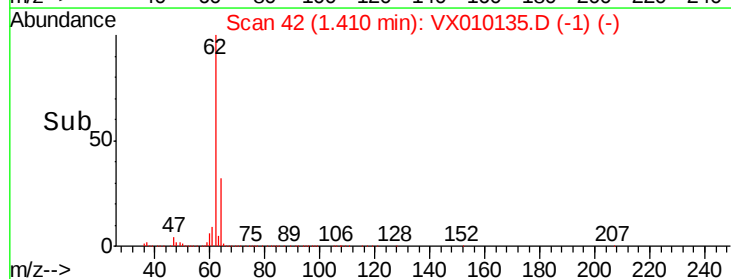
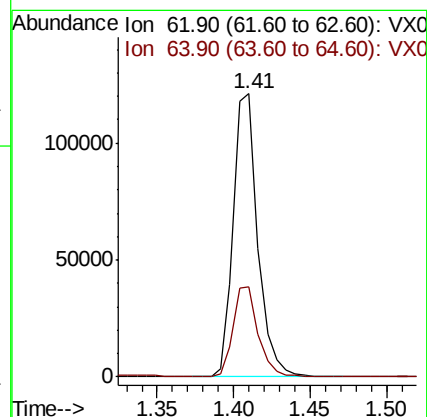
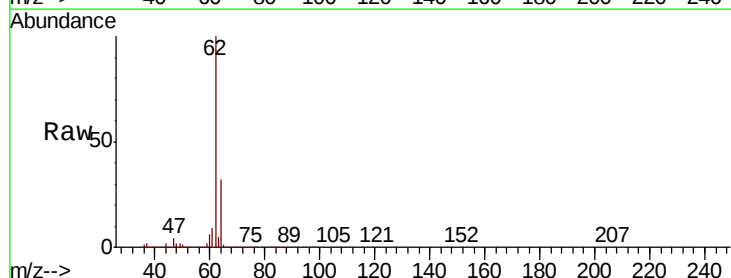
Acq: 08 Jun 2019 01:37

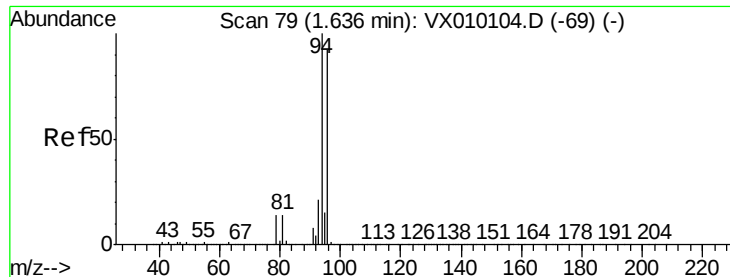
Tgt Ion: 62 Resp: 134755

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 53.829 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

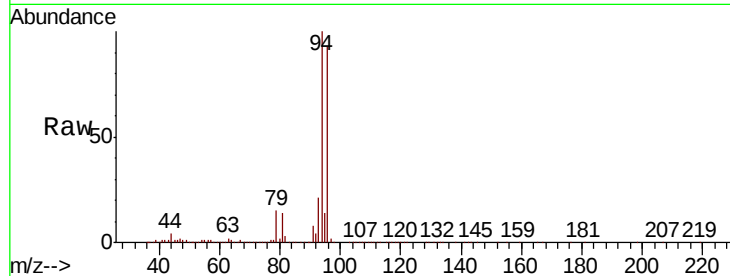
VSTDCCC050EC

Tot Ion: 94 Resp: 49522

Ion Ratio Lower Upper

94 100

96 92.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

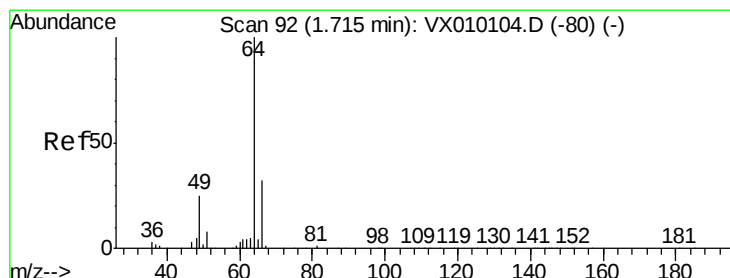
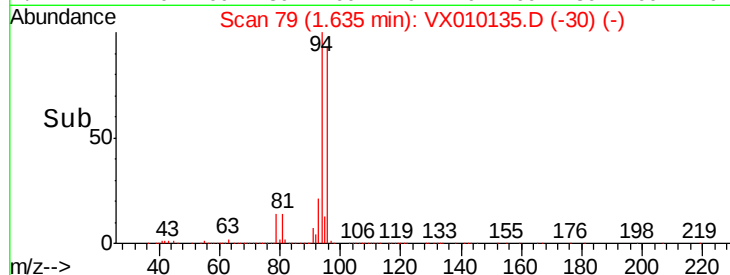
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 57.763 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010135.D

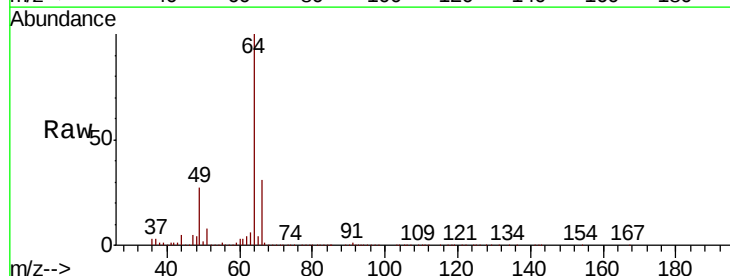
Acq: 08 Jun 2019 01:37

Tgt Ion: 64 Resp: 71001

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

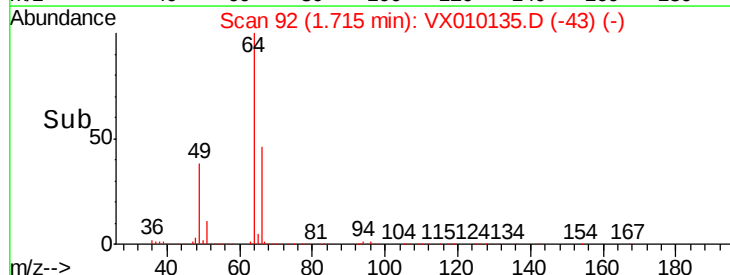
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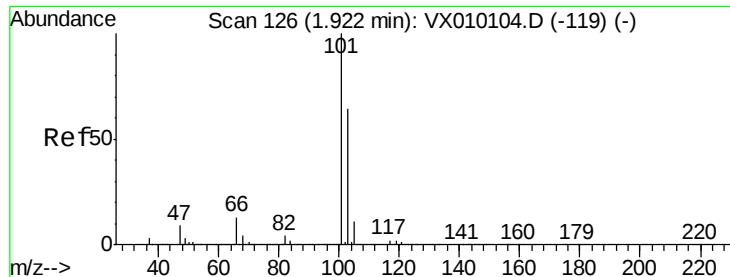
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10000

0

Time-->



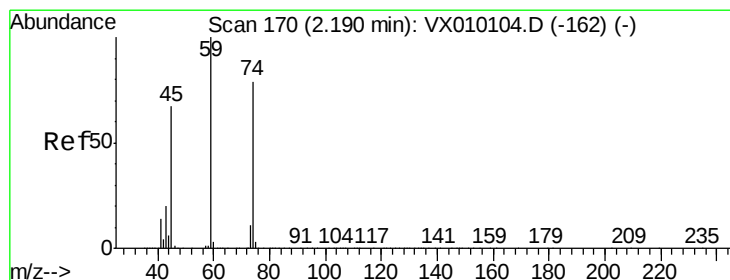
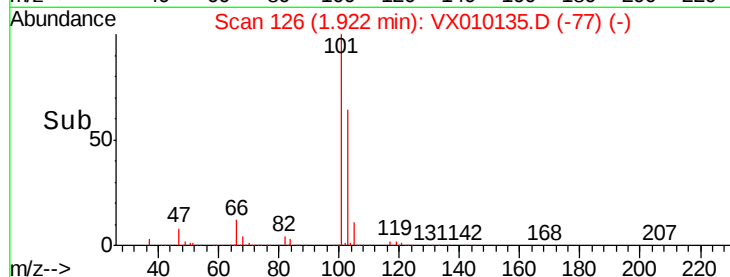
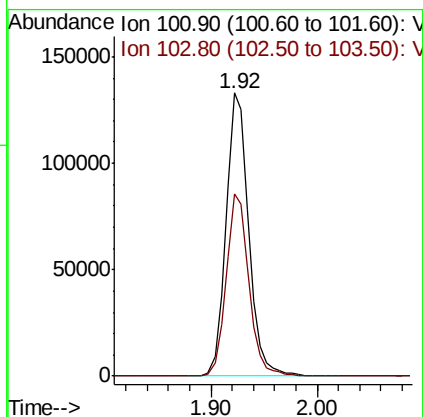
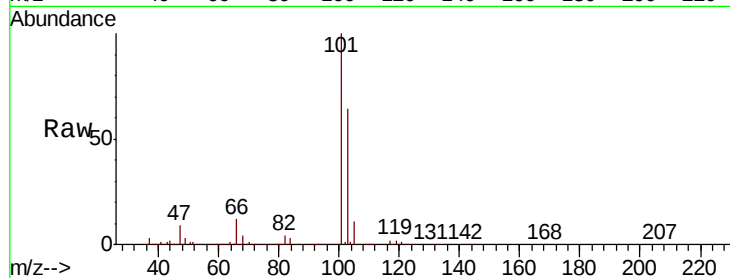


#7

Trichlorofluoromethane
Concen: 54.794 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

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MSVOA_X
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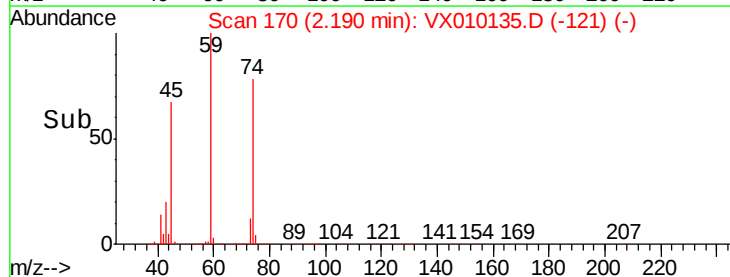
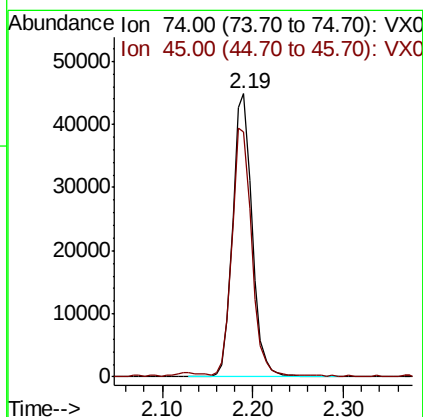
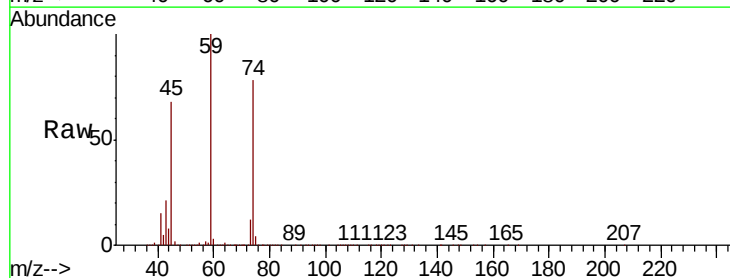
Tot Ion:101 Resp: 198432
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

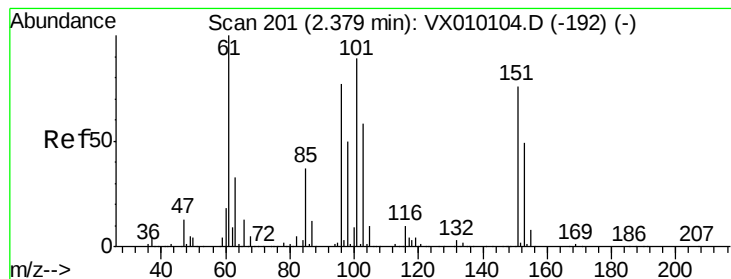


#8

Diethyl Ether
Concen: 53.533 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 74 Resp: 66819
Ion Ratio Lower Upper
74 100
45 88.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.044 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

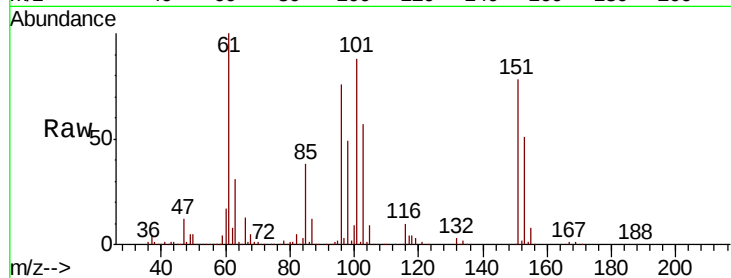
Tot Ion:101 Resp: 119933

Ion Ratio Lower Upper

101 100

85 41.8 35.2 52.8

151 88.6 61.9 92.9

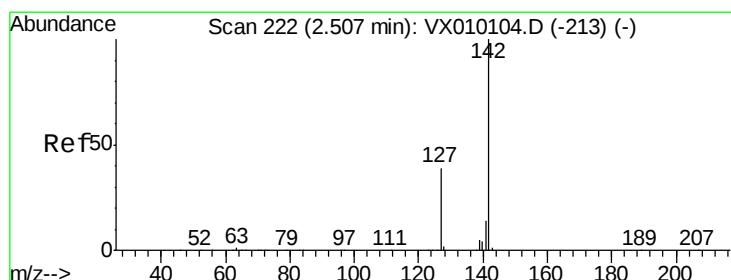
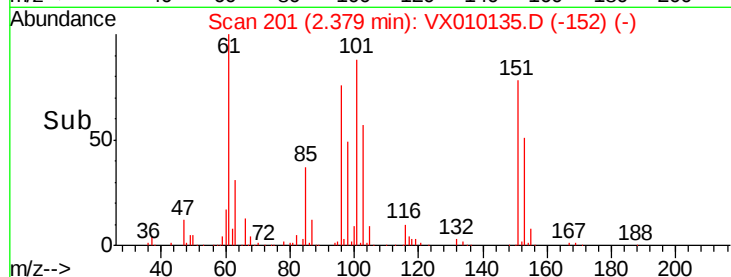
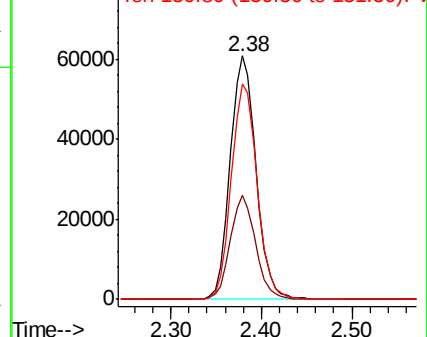


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.288 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

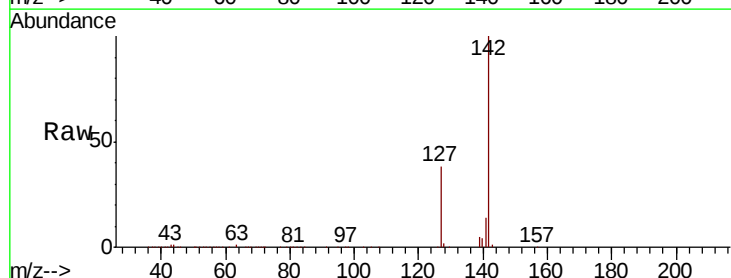
Tgt Ion:142 Resp: 202234

Ion Ratio Lower Upper

142 100

127 38.4 33.0 49.4

141 14.1 11.4 17.0

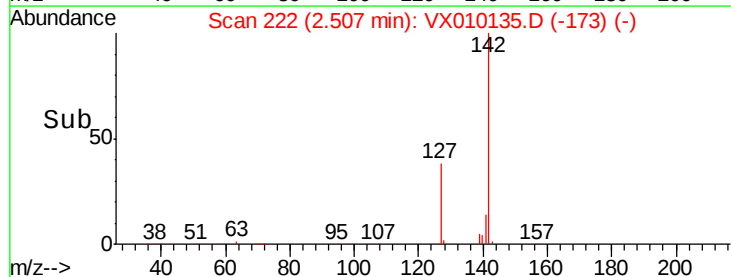
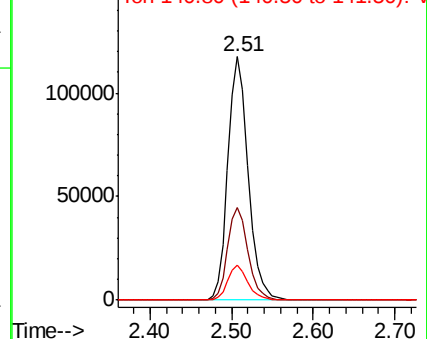


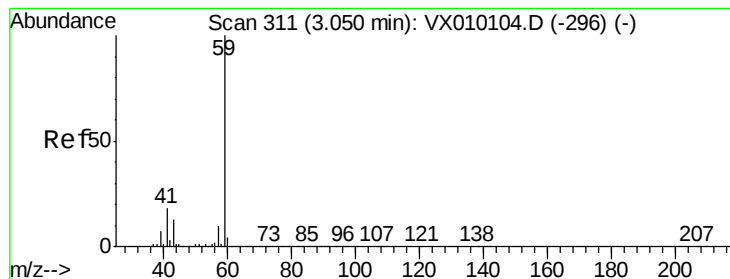
Abundance

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



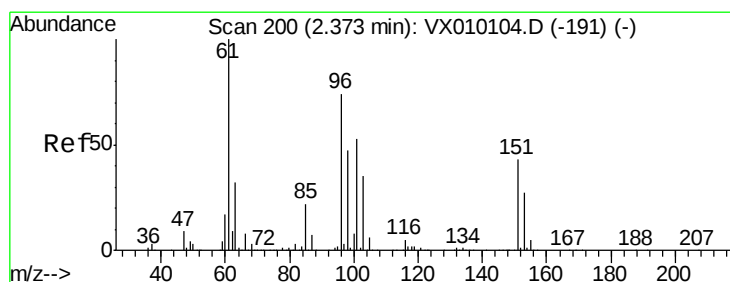
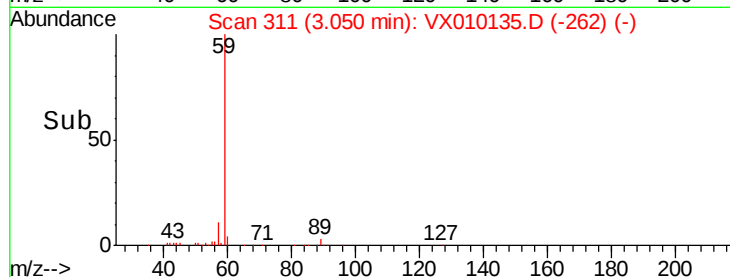
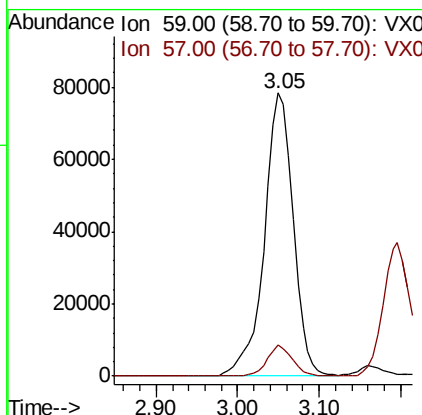
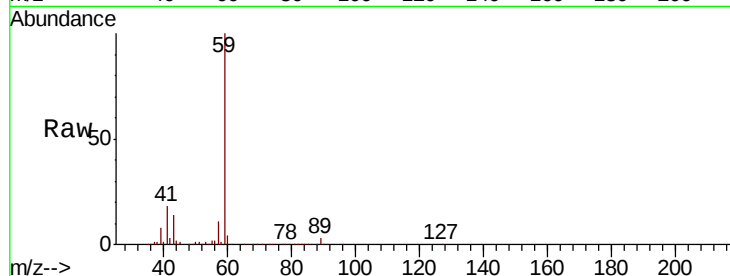


#11

Tert butyl alcohol
 Concen: 283.706 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

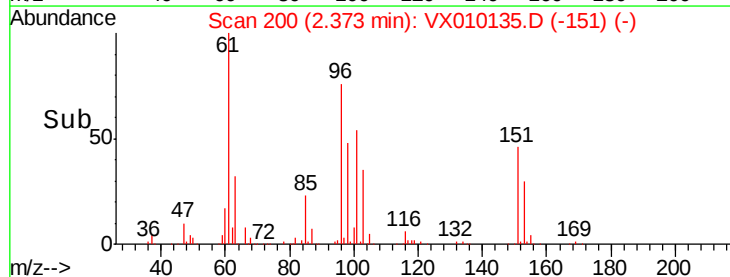
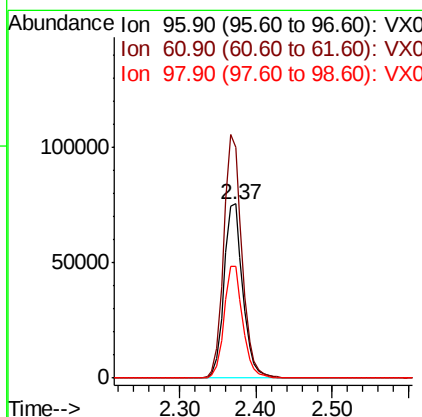
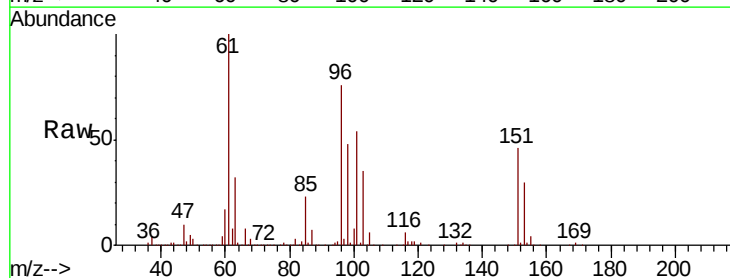
Tot Ion: 59 Resp: 192573
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.2 12.2

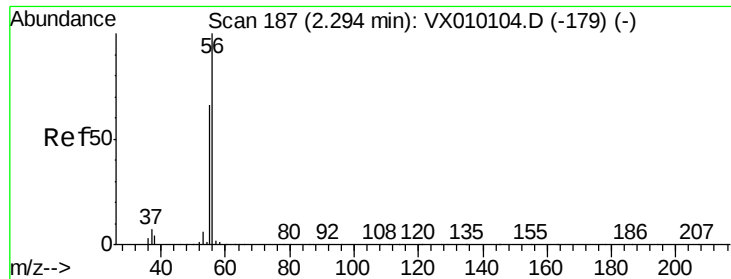


#12

1,1-Dichloroethene
 Concen: 50.216 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion: 96 Resp: 128036
 Ion Ratio Lower Upper
 96 100
 61 132.1 140.7 211.1#
 98 63.9 50.1 75.1

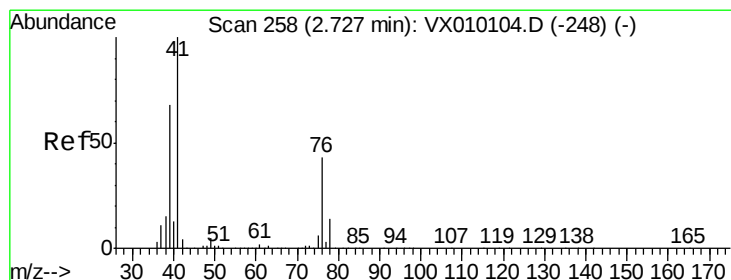
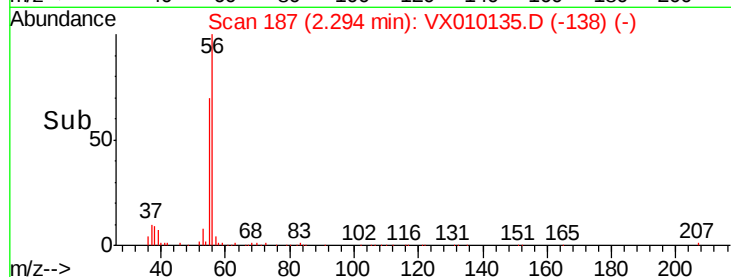
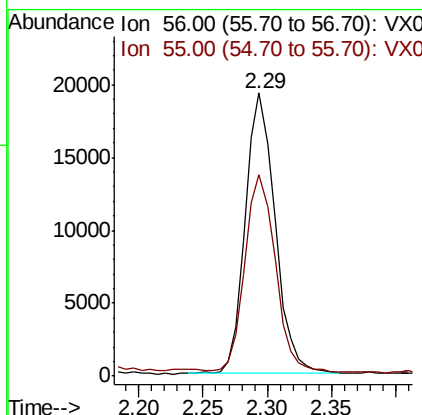
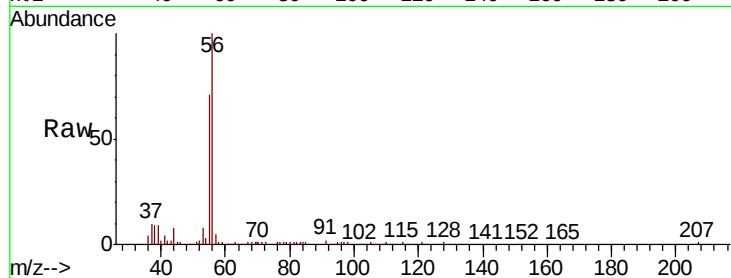




#13
Acrolein
Concen: 248.828 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

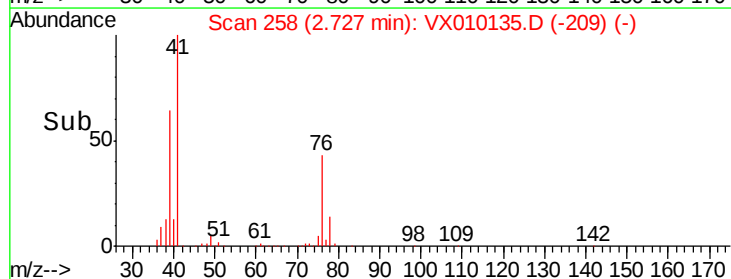
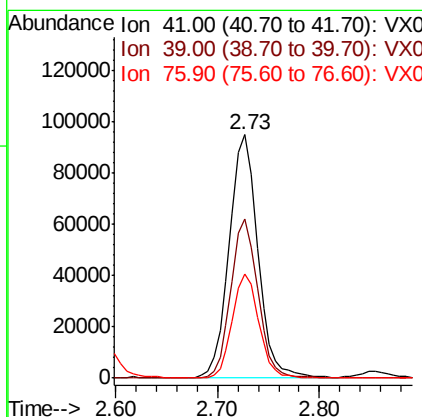
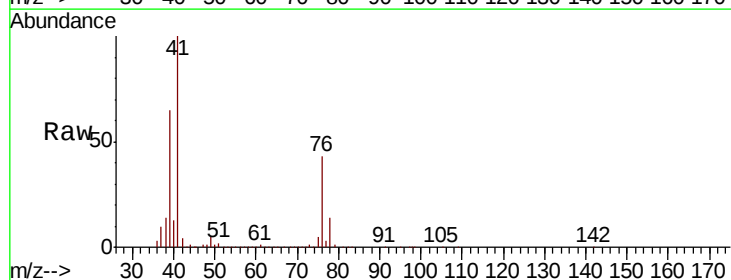
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

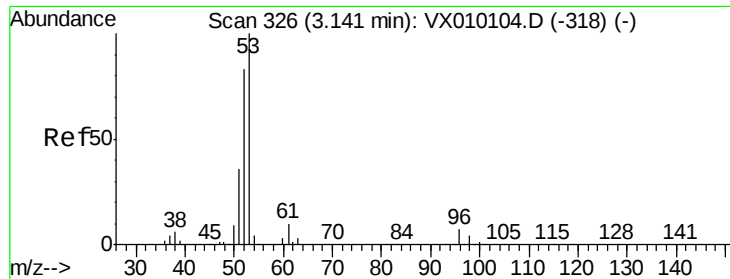
Tot Ion: 56 Resp: 30797
Ion Ratio Lower Upper
56 100
55 71.7 57.0 85.4



#14
Allyl chloride
Concen: 47.599 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 41 Resp: 183195
Ion Ratio Lower Upper
41 100
39 62.1 46.7 70.1
76 39.8 21.0 31.4#





#15

Acrylonitrile

Concen: 261.240 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

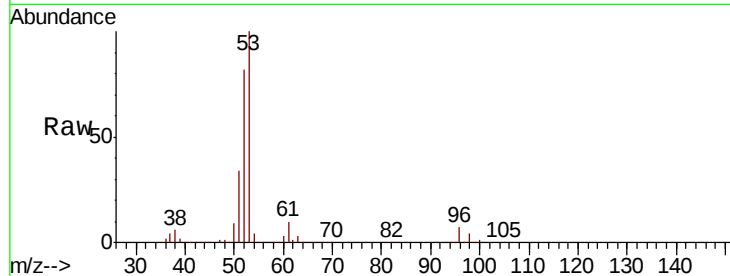
Tot Ion: 53 Resp: 362445

Ion Ratio Lower Upper

53 100

52 81.7 66.7 100.1

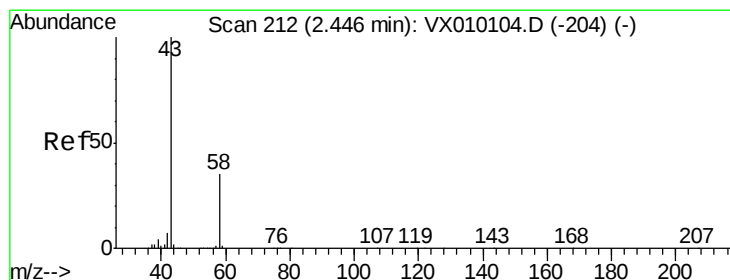
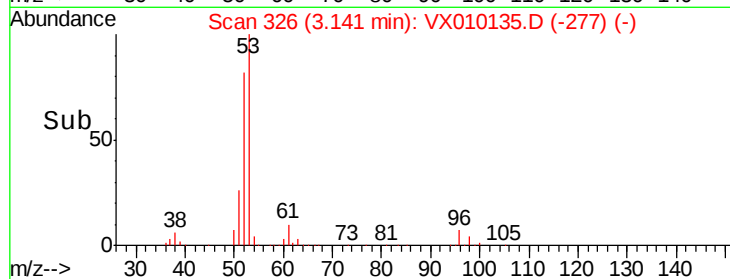
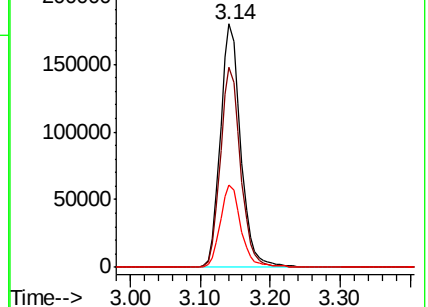
51 34.3 28.8 43.2



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: 219.627 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010135.D

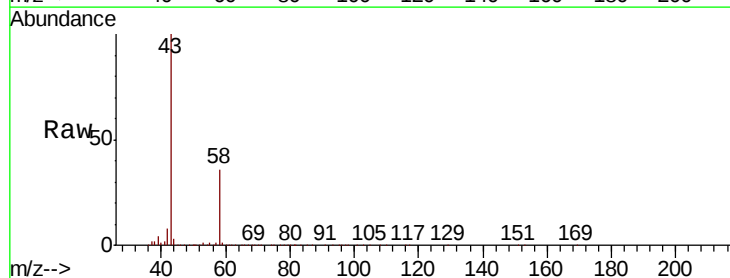
Acq: 08 Jun 2019 01:37

Tgt Ion: 43 Resp: 286225

Ion Ratio Lower Upper

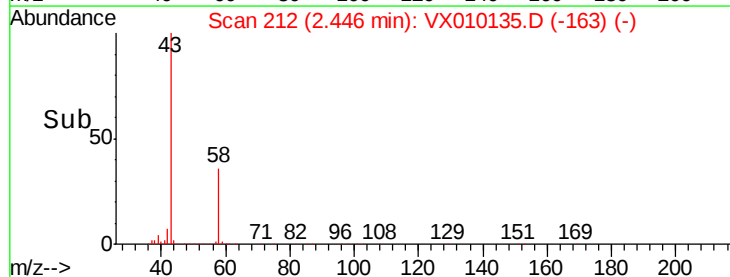
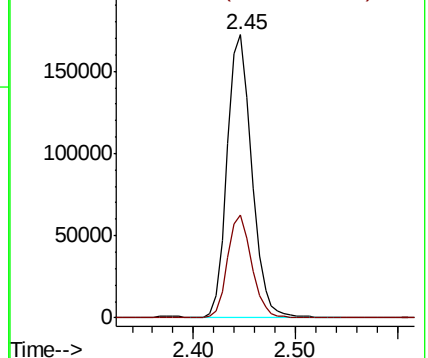
43 100

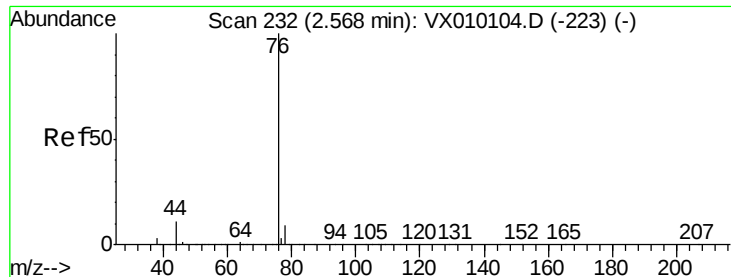
58 36.4 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.513 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

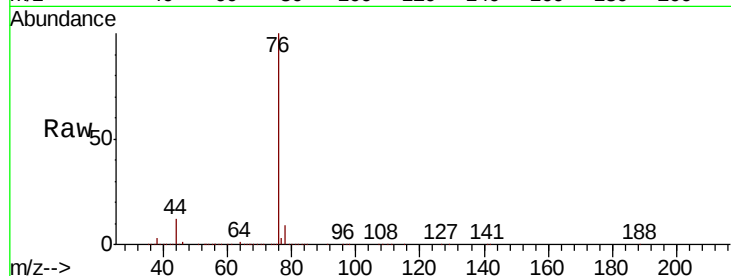
VSTDCCC050EC

Tot Ion: 76 Resp: 350037

Ion Ratio Lower Upper

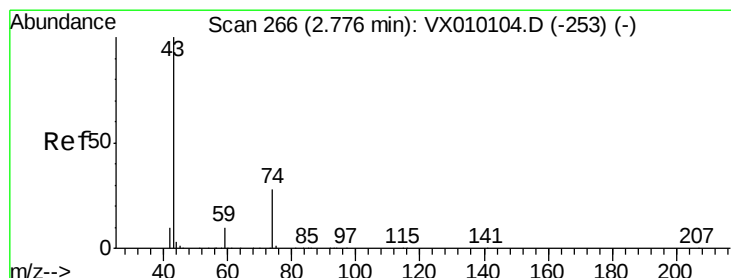
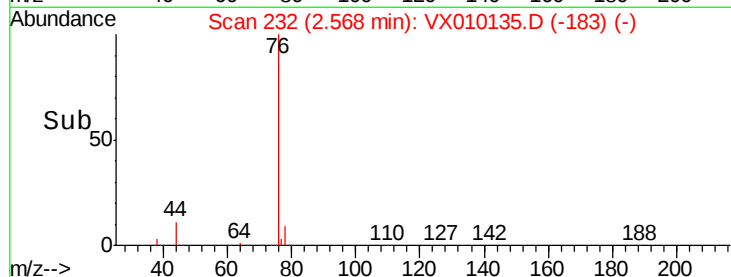
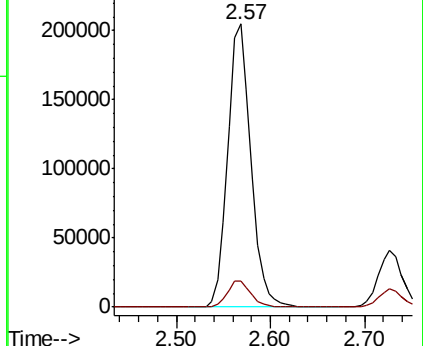
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.596 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010135.D

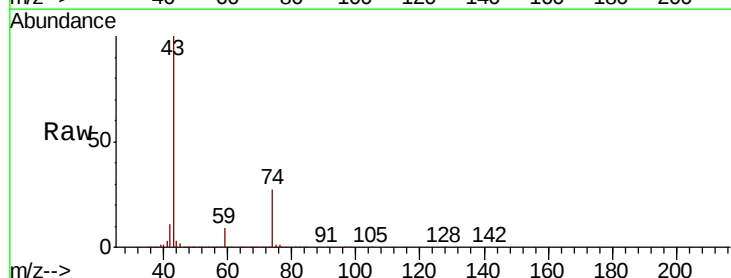
Acq: 08 Jun 2019 01:37

Tgt Ion: 43 Resp: 145012

Ion Ratio Lower Upper

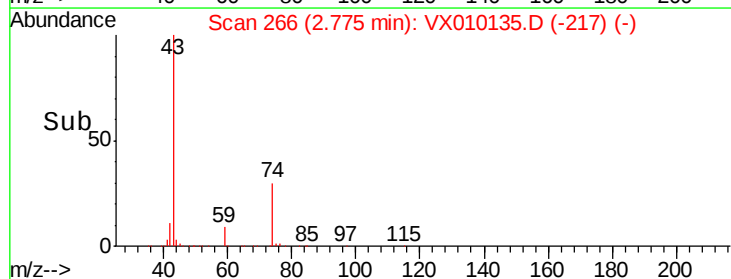
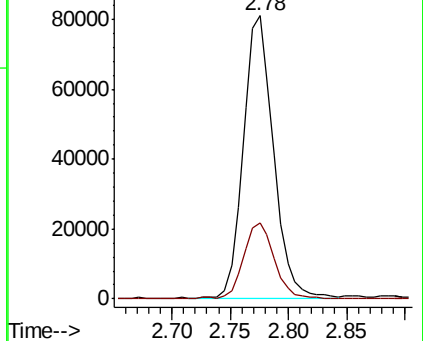
43 100

74 28.1 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



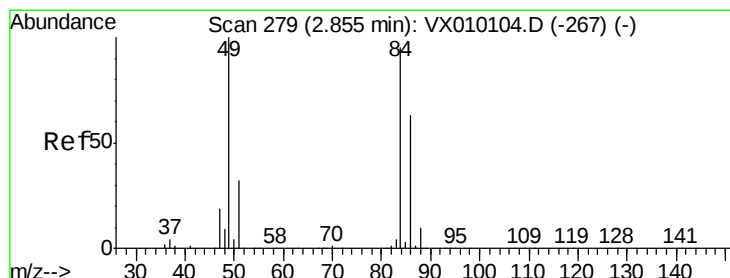
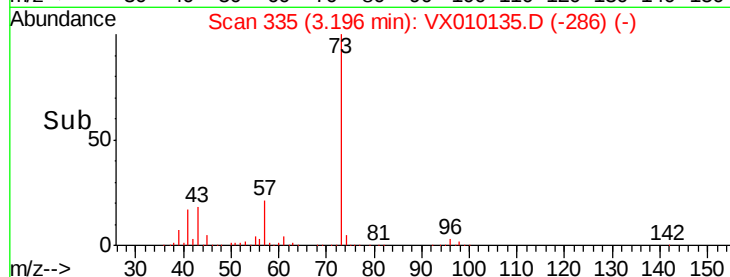
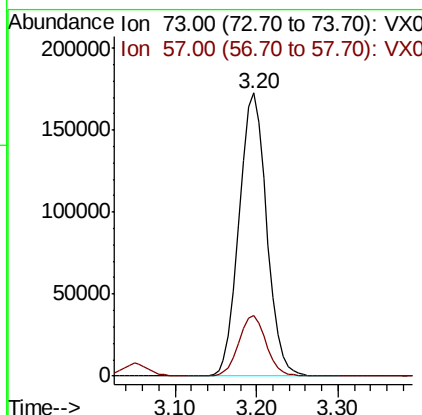
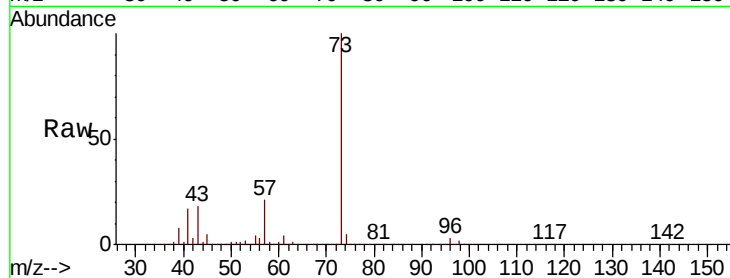


#19

Methyl tert-butyl Ether
 Concen: 49.330 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

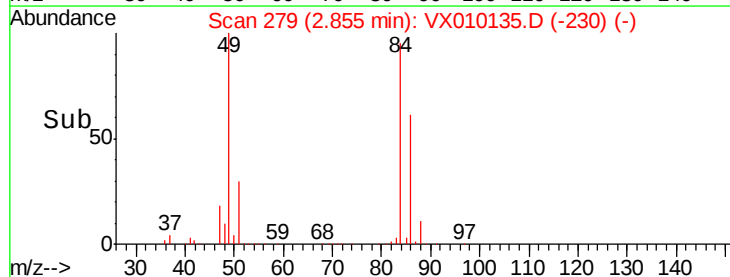
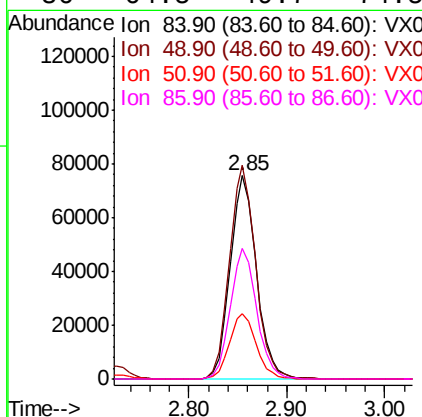
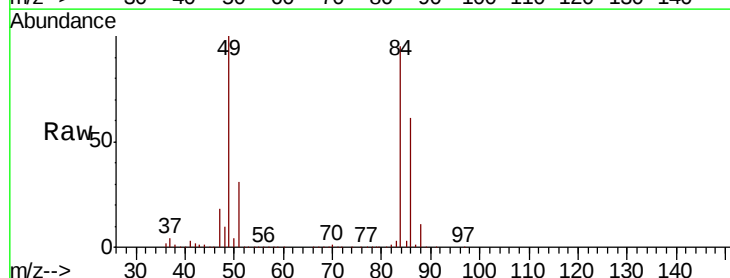
Tot Ion: 73 Resp: 404077
 Ion Ratio Lower Upper
 73 100
 57 21.3 19.4 29.2

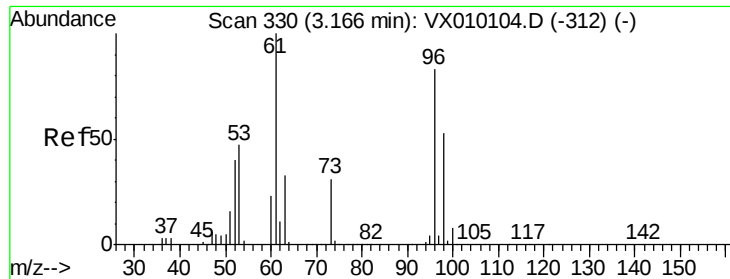


#20

Methylene Chloride
 Concen: 49.284 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion: 84 Resp: 141055
 Ion Ratio Lower Upper
 84 100
 49 105.1 115.8 173.6#
 51 32.0 34.4 51.6#
 86 64.5 49.7 74.5

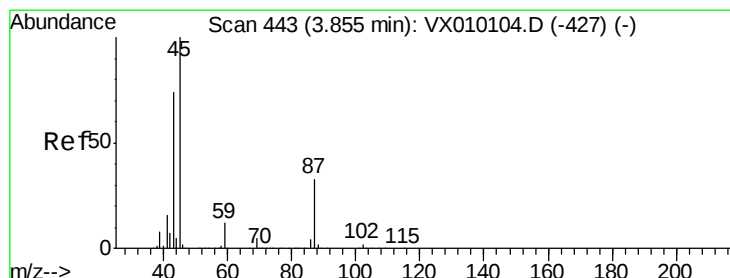
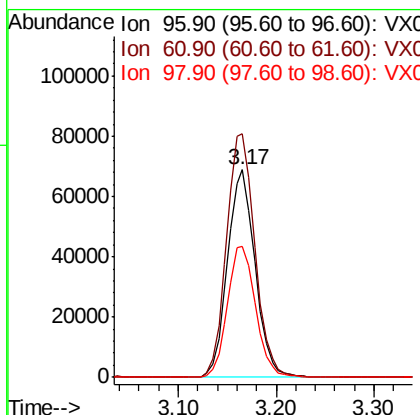
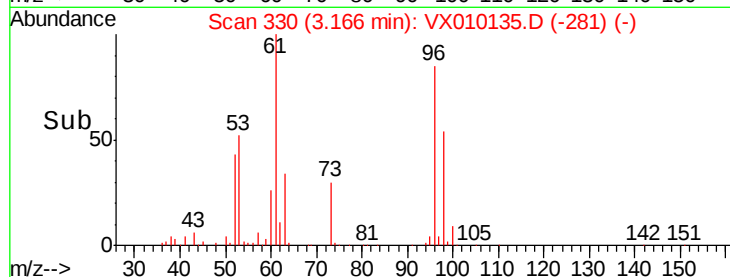
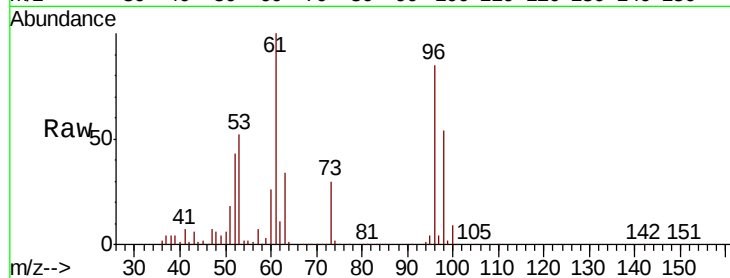




#21
trans-1,2-Dichloroethene
Concen: 47.883 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

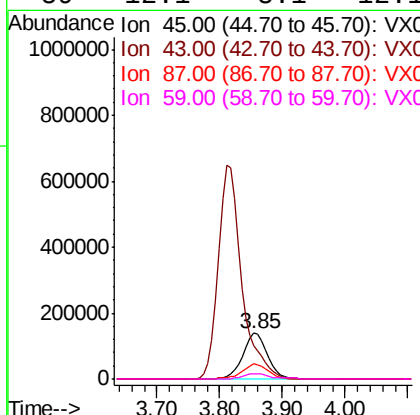
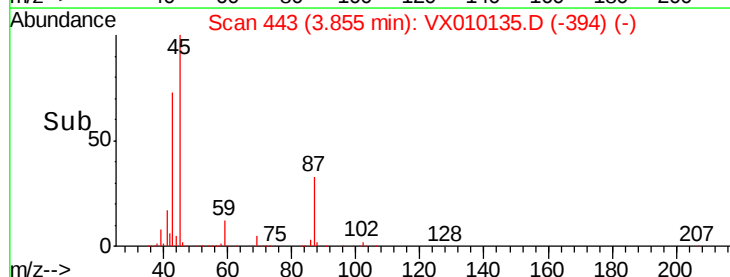
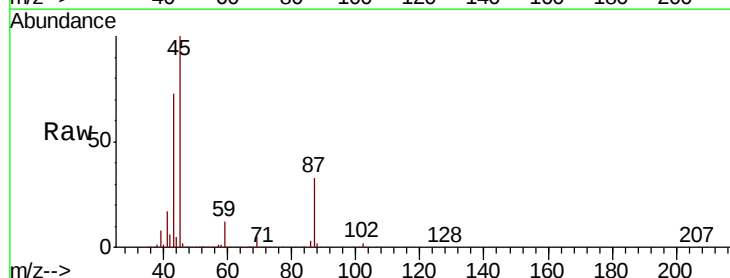
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

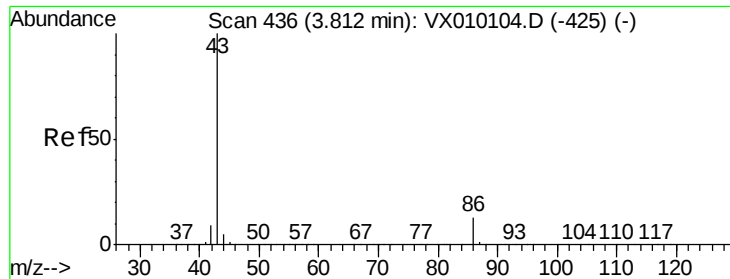
Tot Ion: 96 Resp: 135109
Ion Ratio Lower Upper
96 100
61 117.2 125.7 188.5#
98 63.3 49.0 73.6



#22
Diisopropyl ether
Concen: 51.115 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 45 Resp: 376125
Ion Ratio Lower Upper
45 100
43 73.1 65.0 97.4
87 32.6 17.3 25.9#
59 12.1 8.1 12.1





#23

Vinyl Acetate

Concen: 256.266 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

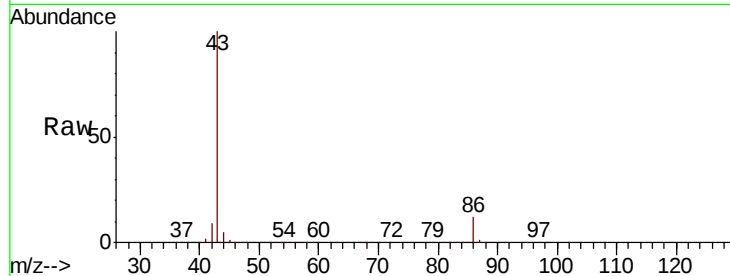
VSTDCCC050EC

Tot Ion: 43 Resp: 1682280

Ion Ratio Lower Upper

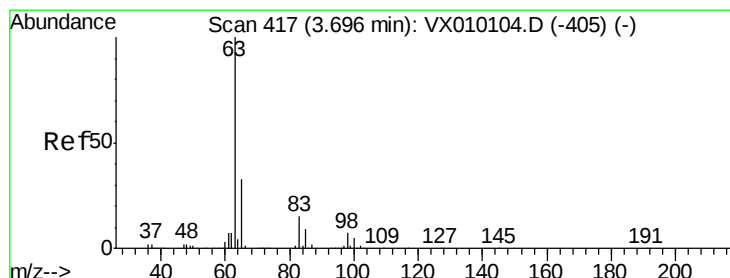
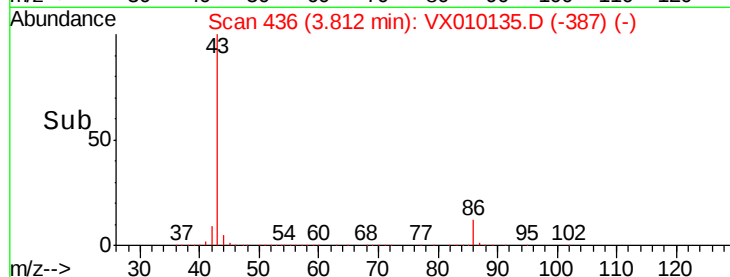
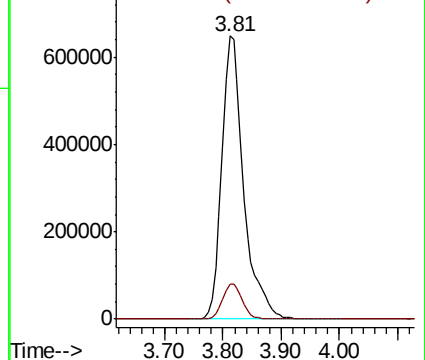
43 100

86 12.3 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.968 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

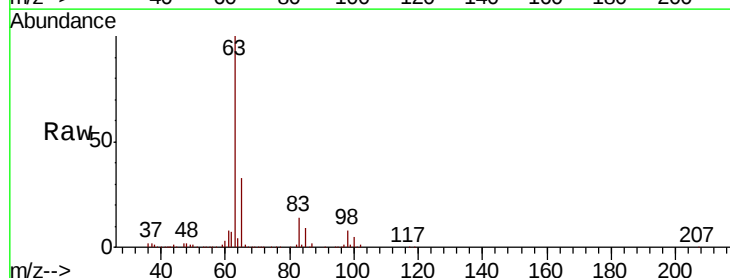
Tgt Ion: 63 Resp: 218779

Ion Ratio Lower Upper

63 100

98 7.9 2.9 8.8

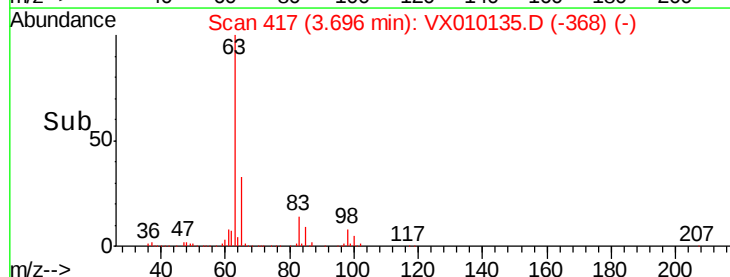
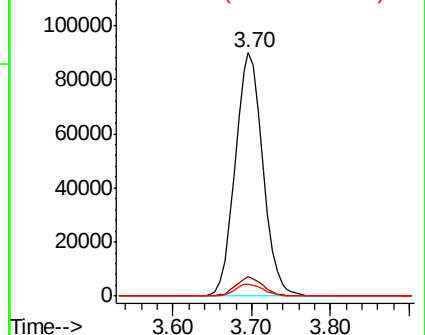
100 5.1 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.017 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

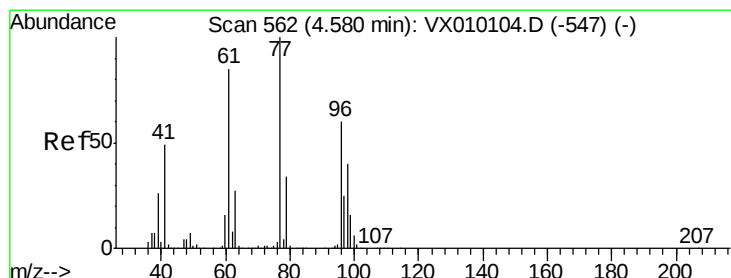
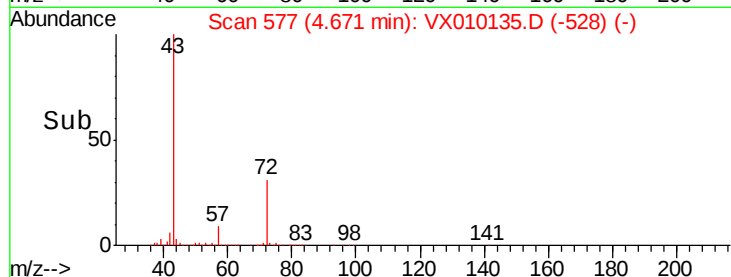
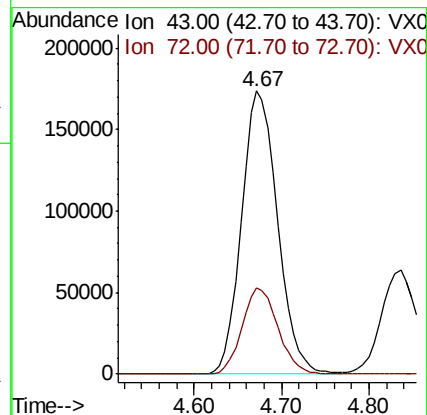
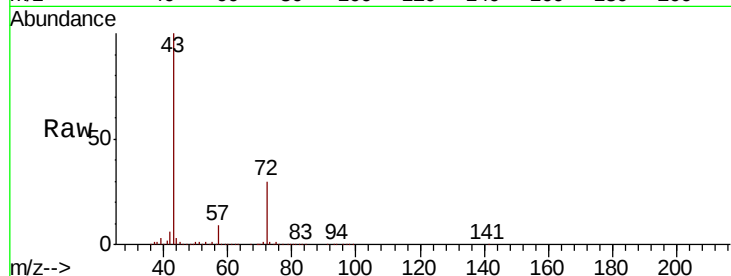
VSTDCCC050EC

Tot Ion: 43 Resp: 494895

Ion Ratio Lower Upper

43 100

72 30.4 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 35.992 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010135.D

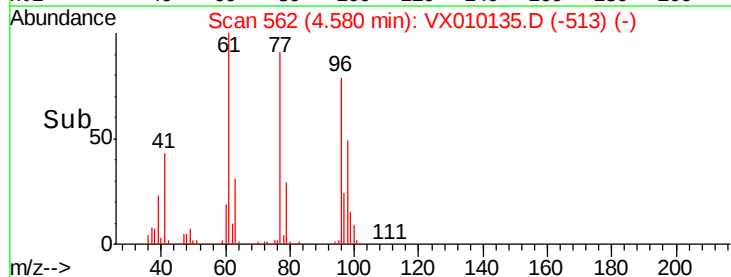
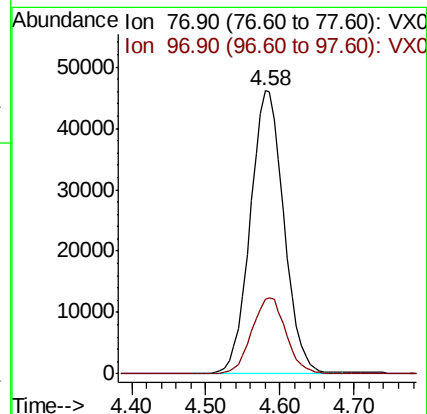
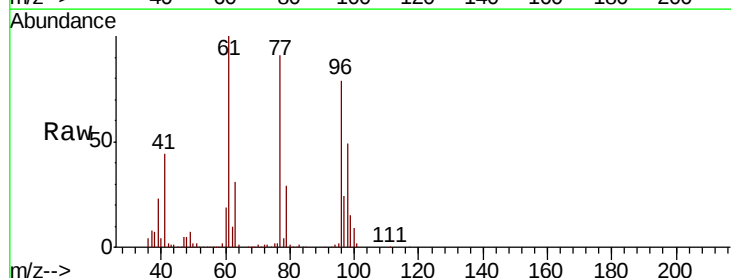
Acq: 08 Jun 2019 01:37

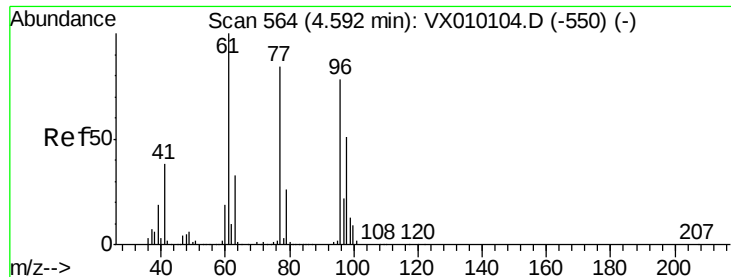
Tgt Ion: 77 Resp: 146698

Ion Ratio Lower Upper

77 100

97 27.3 11.4 34.2



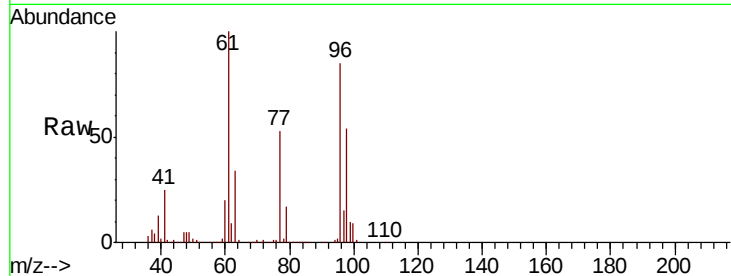


#27

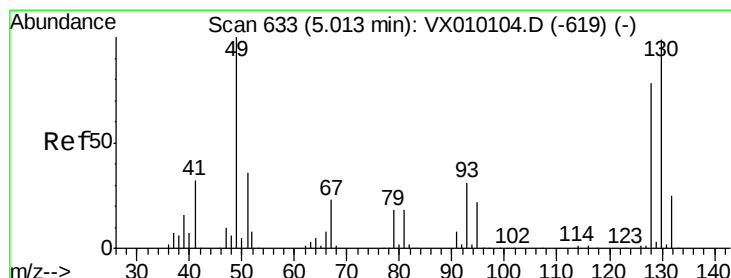
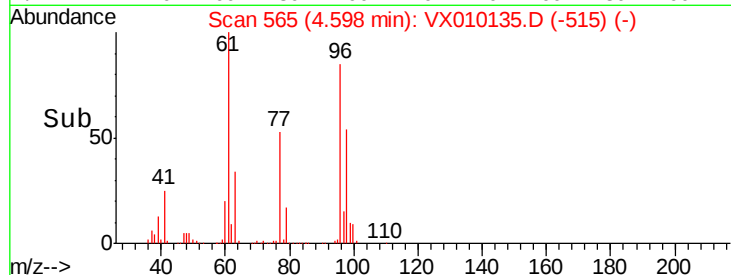
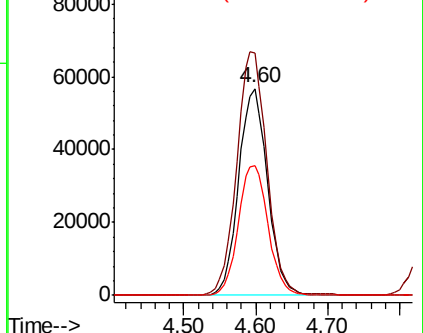
cis-1,2-Dichloroethene
 Concen: 50.484 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 158470
 Ion Ratio Lower Upper
 96 100
 61 123.2 0.0 334.0
 98 64.6 0.0 131.6



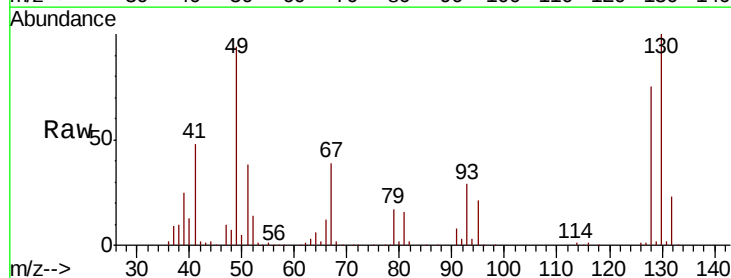
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



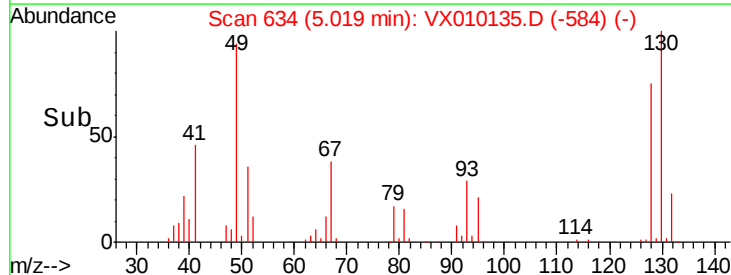
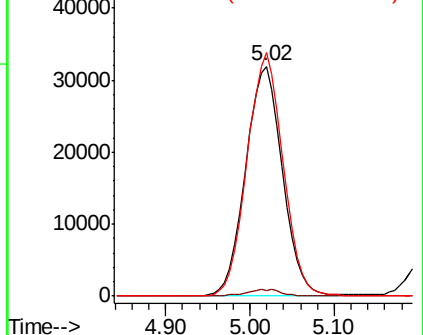
#28

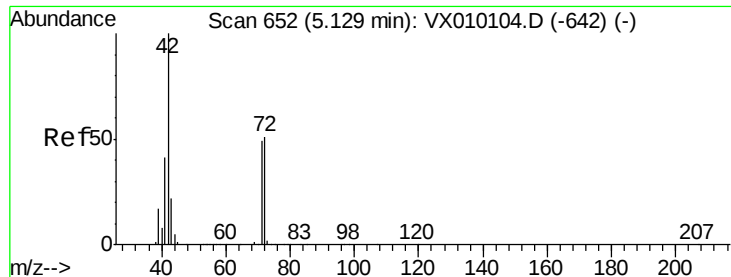
Bromochloromethane
 Concen: 47.440 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion: 49 Resp: 94991
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 3.4
 130 103.7 49.4 74.2#



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

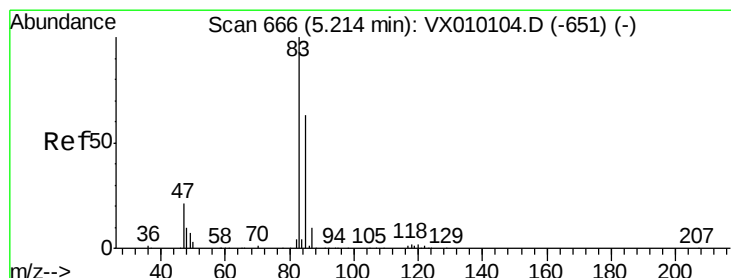
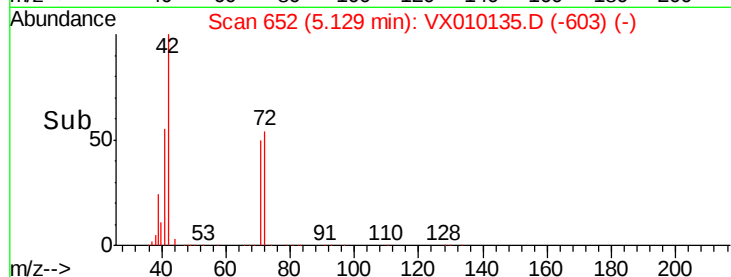
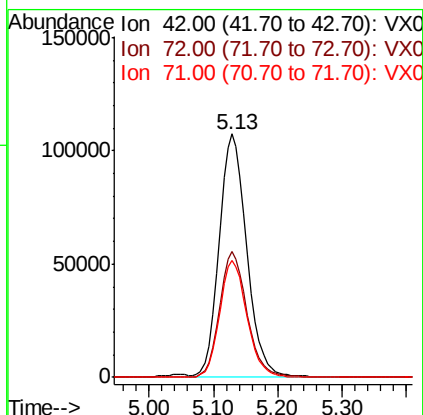
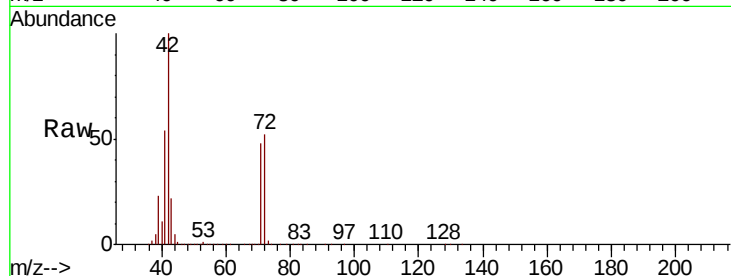




#29
Tetrahydrofuran
Concen: 264.487 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

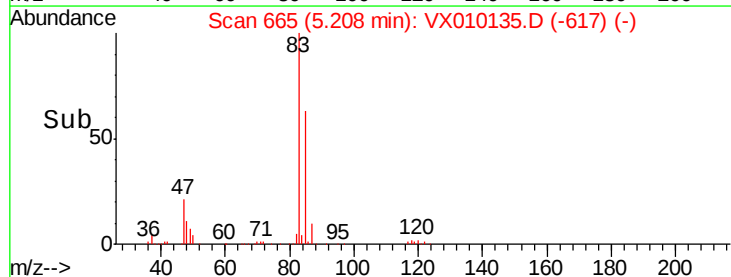
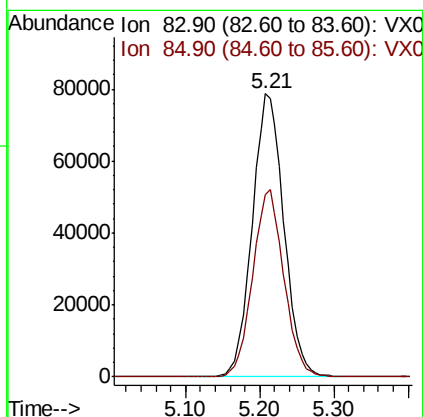
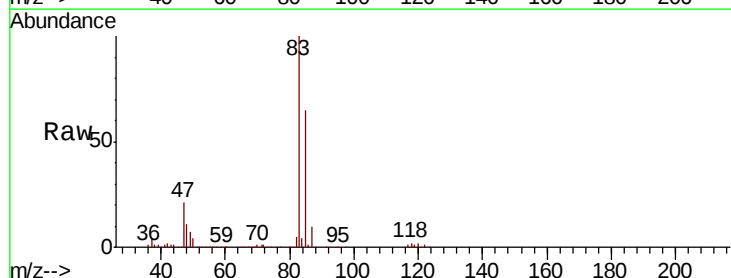
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

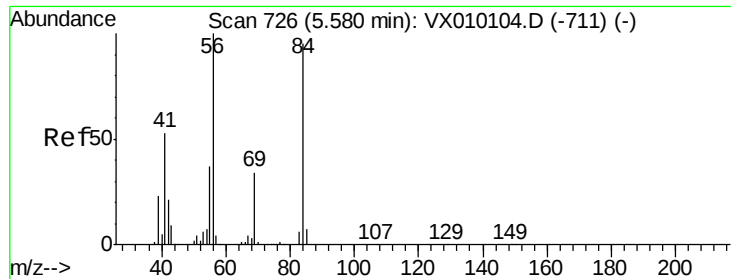
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	29.2	43.8#
71	48.0	27.6	41.4#



#30
Chloroform
Concen: 50.351 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	78.8





#31

Cvclohexane

Concen: 50.083 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

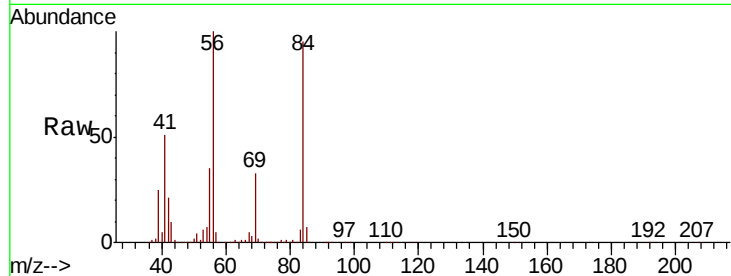
Tot Ion: 56 Resp: 201945

Ion Ratio Lower Upper

56 100

69 32.4 21.6 32.4#

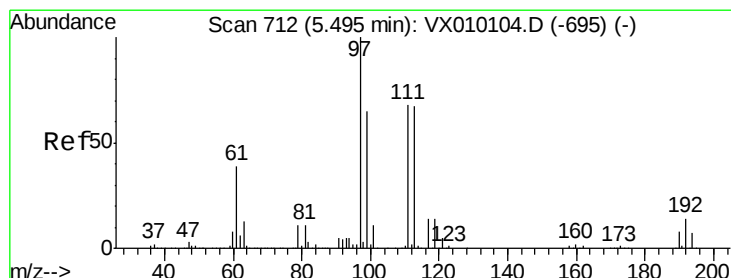
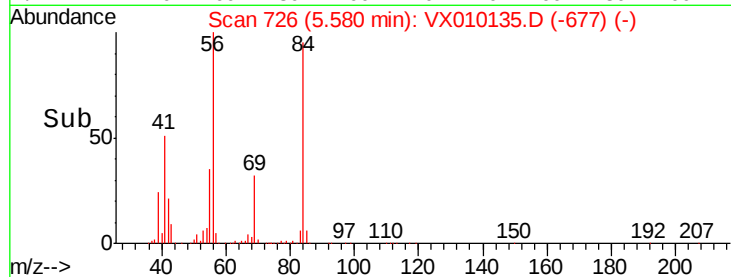
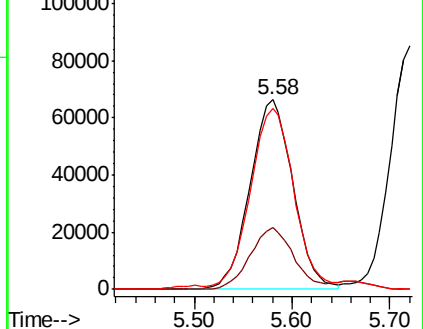
84 93.3 56.8 85.2#



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: 48.542 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

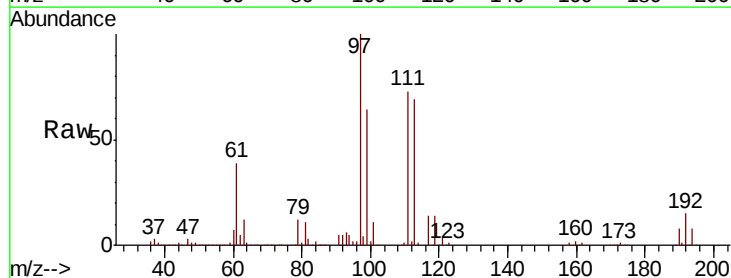
Tgt Ion: 97 Resp: 211742

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

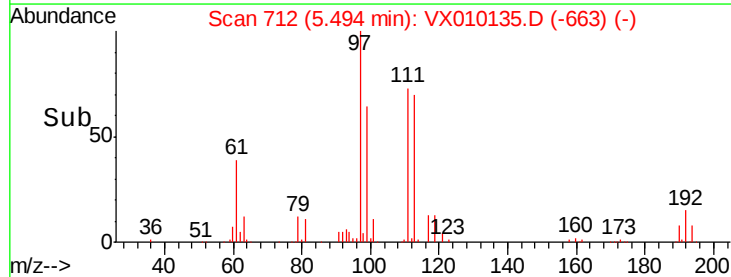
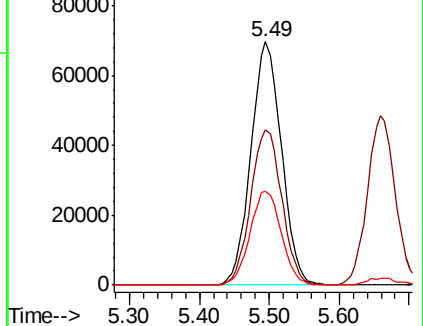
61 39.7 38.7 58.1

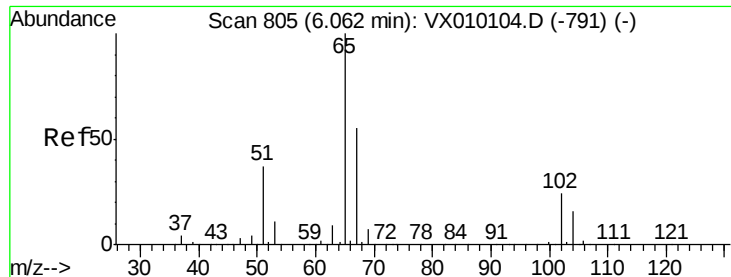


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.005 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

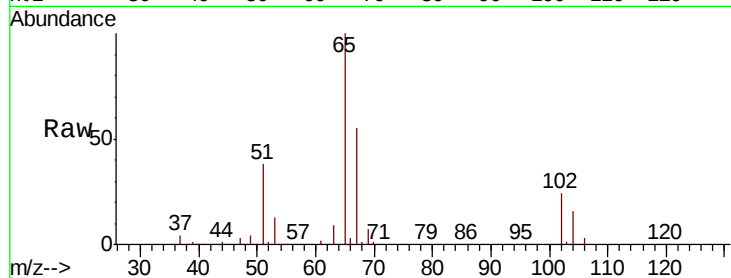
VSTDCCC050EC

Tot Ion: 65 Resp: 144097

Ion Ratio Lower Upper

65 100

67 54.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

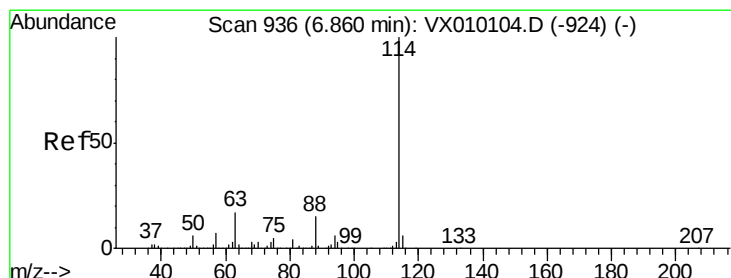
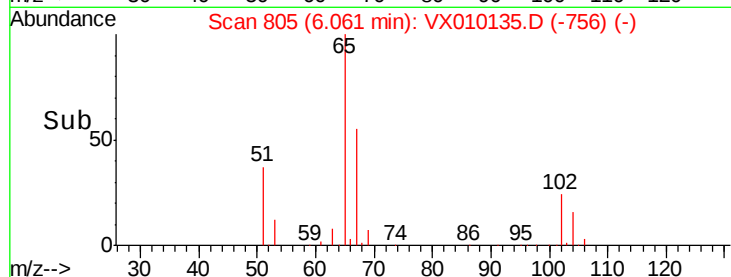
20000

10000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

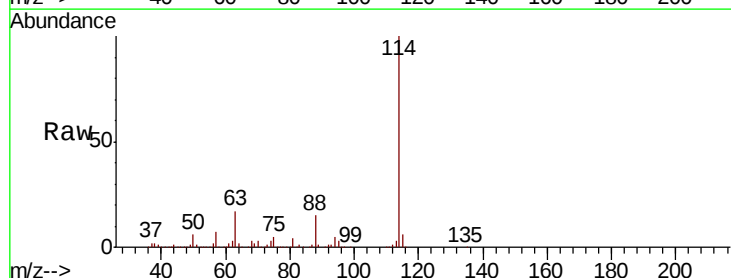
Tgt Ion: 114 Resp: 438230

Ion Ratio Lower Upper

114 100

63 17.2 0.0 47.4

88 14.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

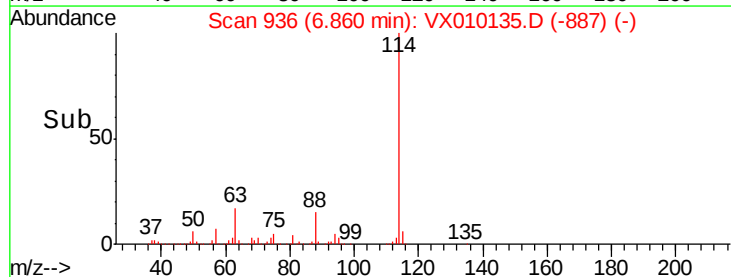
100000

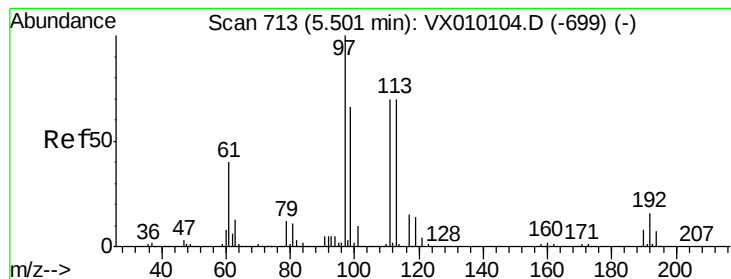
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.718 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

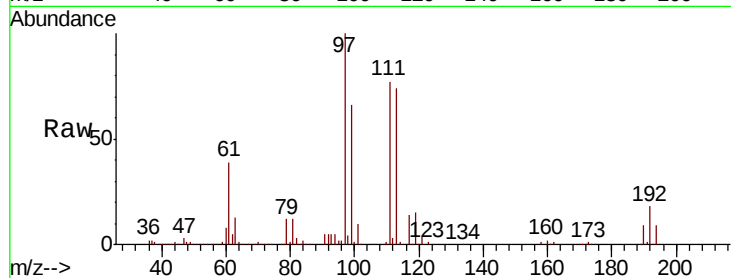
Tot Ion:113 Resp: 142501

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

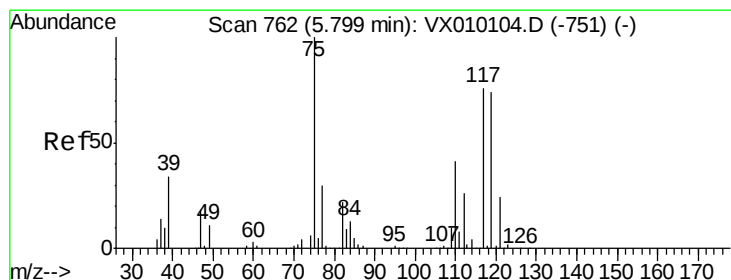
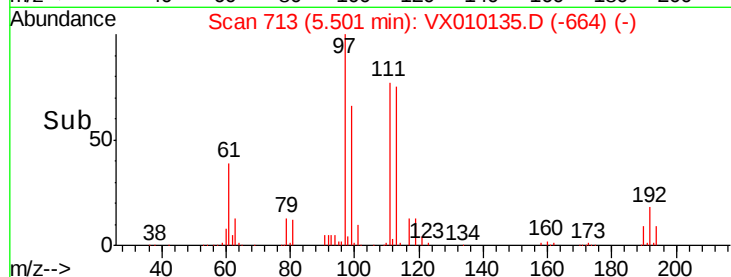
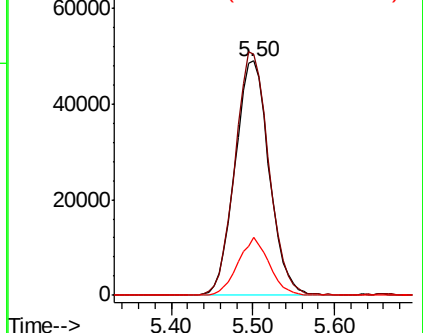
192 22.6 17.1 25.7



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: 47.884 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

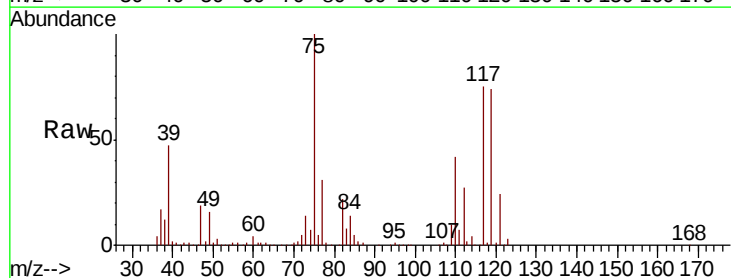
Tgt Ion: 75 Resp: 171199

Ion Ratio Lower Upper

75 100

110 42.2 16.7 50.1

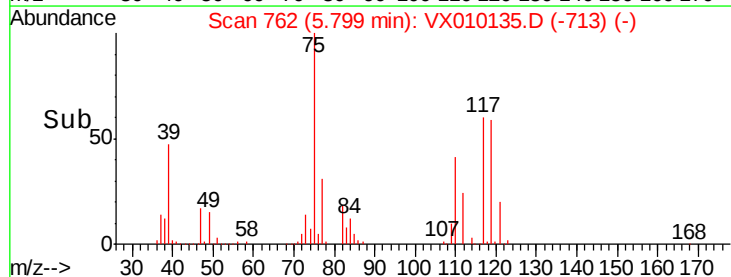
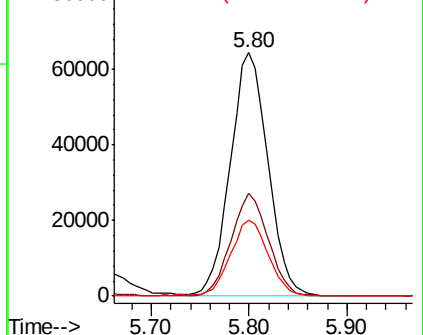
77 31.8 25.0 37.4

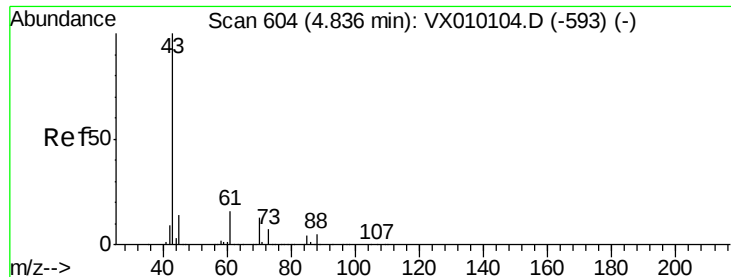


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

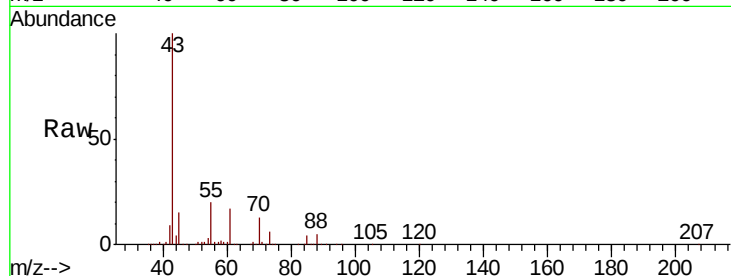




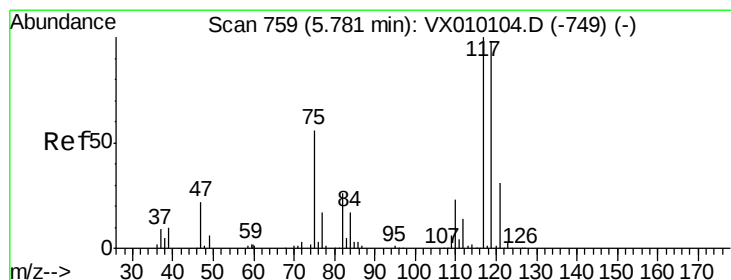
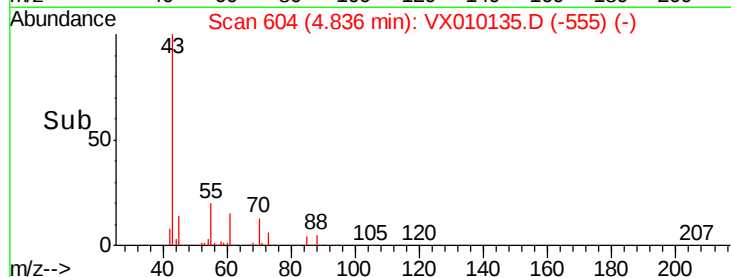
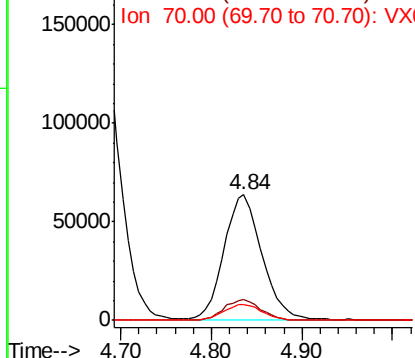
#37
Ethyl Acetate
Concen: 49.384 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 183708
Ion Ratio Lower Upper
43 100
61 16.3 10.2 15.2#
70 13.1 7.4 11.2#

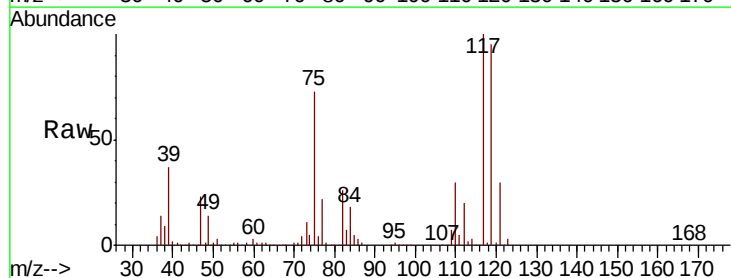


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

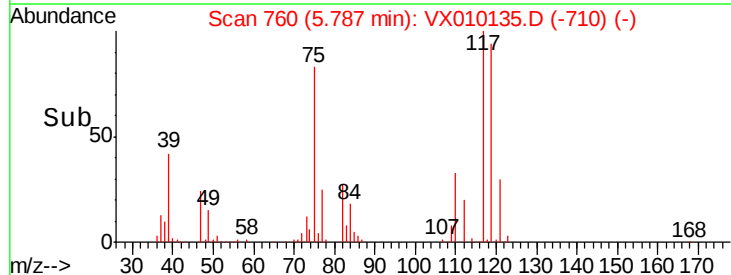
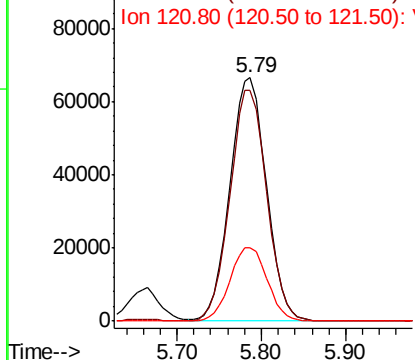


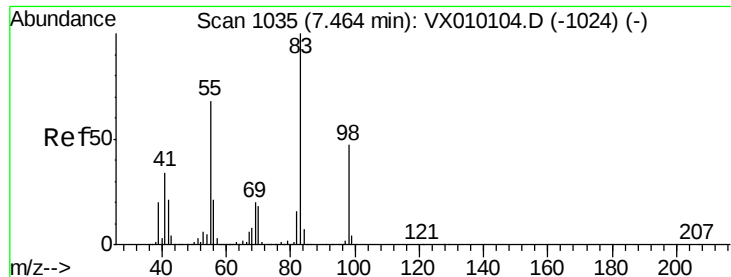
#38
Carbon Tetrachloride
Concen: 48.261 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 117 Resp: 195302
Ion Ratio Lower Upper
117 100
119 94.3 77.3 115.9
121 30.4 25.4 38.0



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

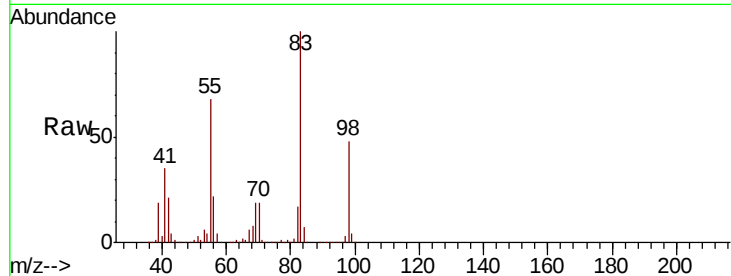




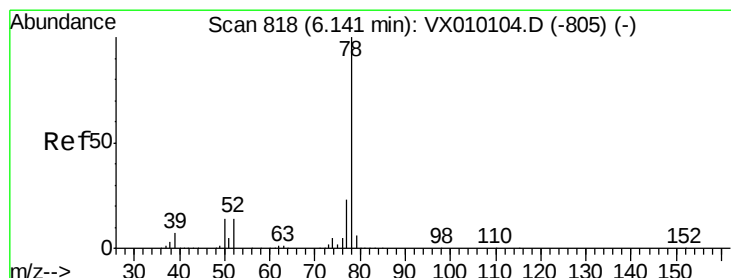
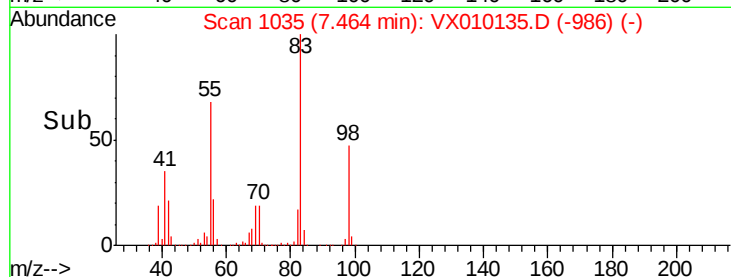
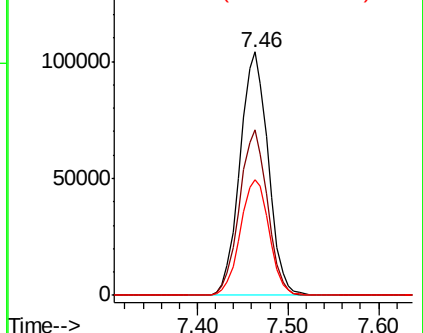
#39
Methylvlcyclohexane
Concen: 46.046 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 224172
Ion Ratio Lower Upper
83 100
55 67.6 69.9 104.9#
98 47.6 35.1 52.7

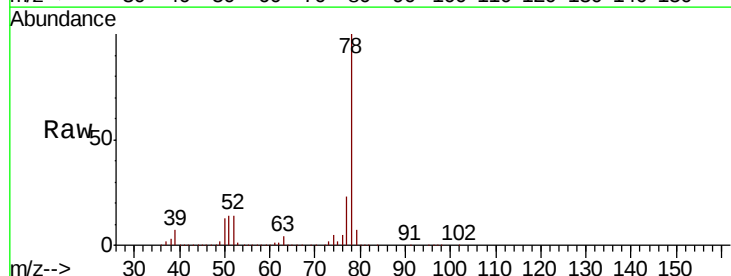


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

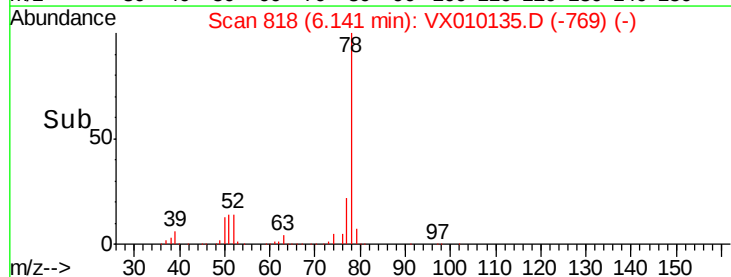
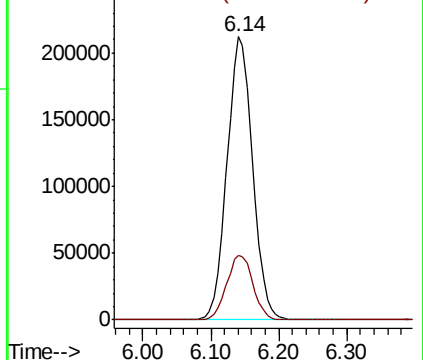


#40
Benzene
Concen: 49.849 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 78 Resp: 551107
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 49.714 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 100038

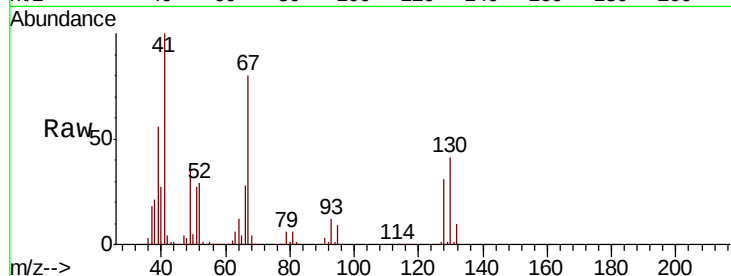
Ion Ratio Lower Upper

41 100

39 55.1 42.2 63.4

67 85.2 48.9 73.3#

52 31.1 20.1 30.1#

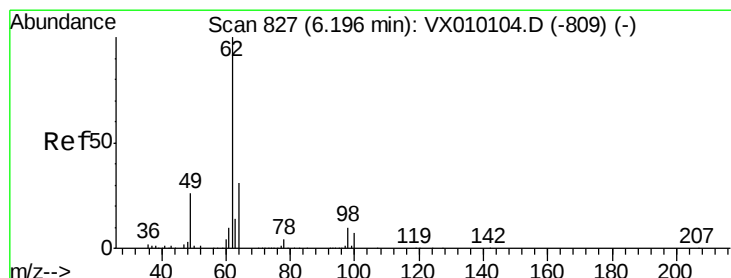
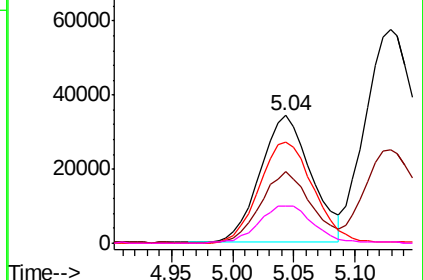
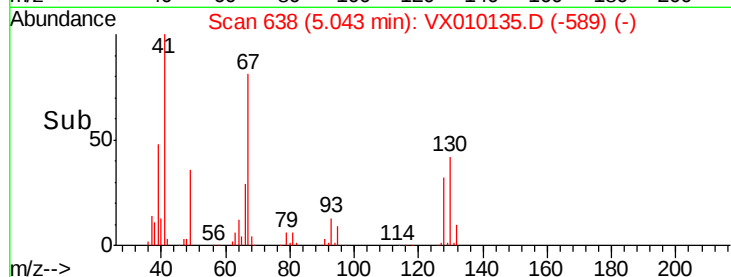


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.289 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010135.D

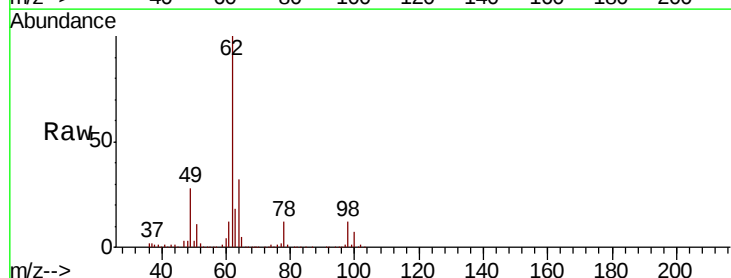
Acq: 08 Jun 2019 01:37

Tgt Ion: 62 Resp: 170434

Ion Ratio Lower Upper

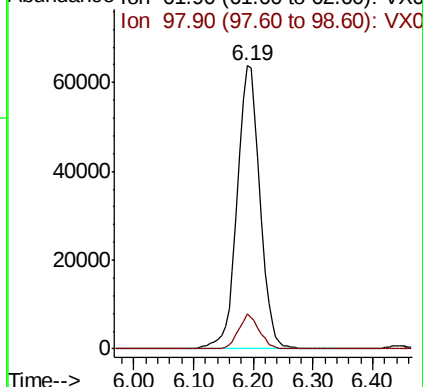
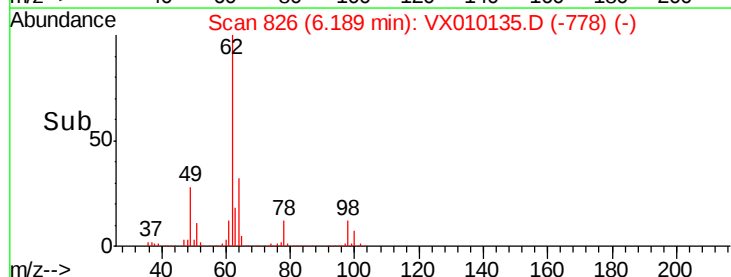
62 100

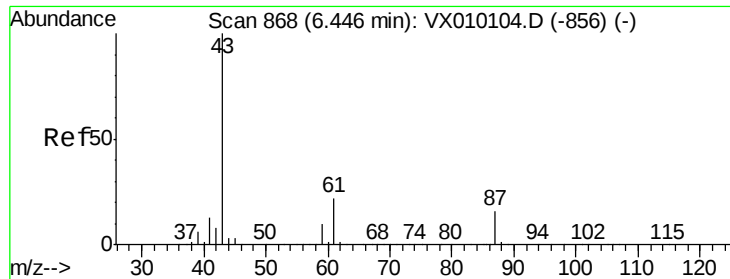
98 11.1 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.514 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

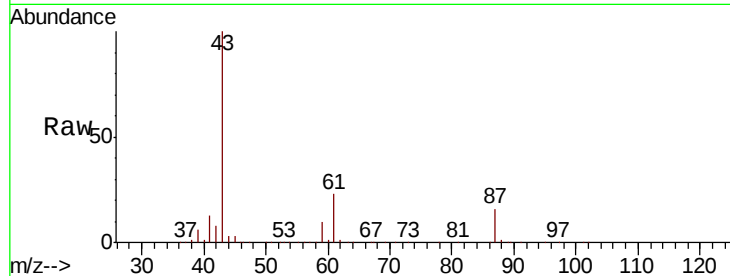
Tot Ion: 43 Resp: 307967

Ion Ratio Lower Upper

43 100

61 22.8 14.6 21.8#

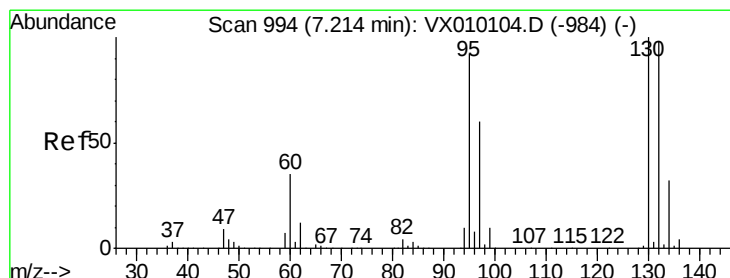
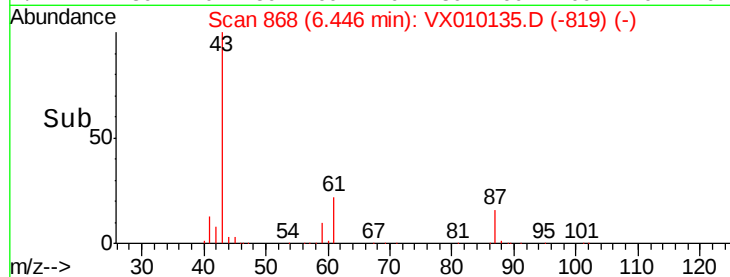
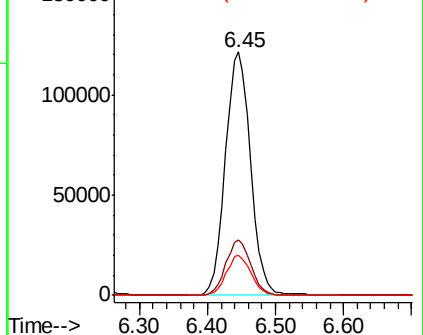
87 16.2 8.7 13.1#



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: 51.313 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010135.D

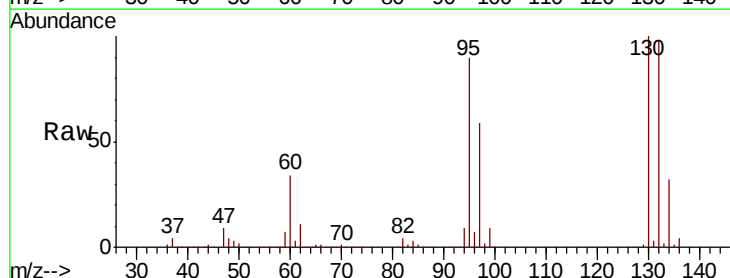
Acq: 08 Jun 2019 01:37

Tgt Ion: 130 Resp: 170998

Ion Ratio Lower Upper

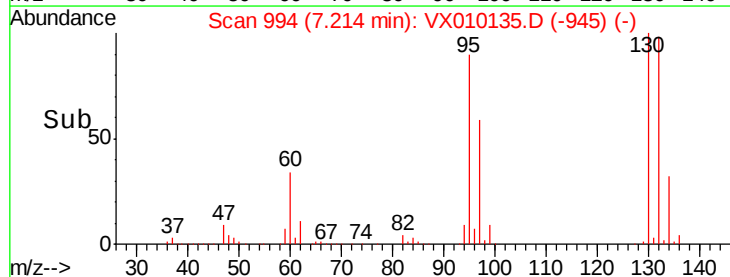
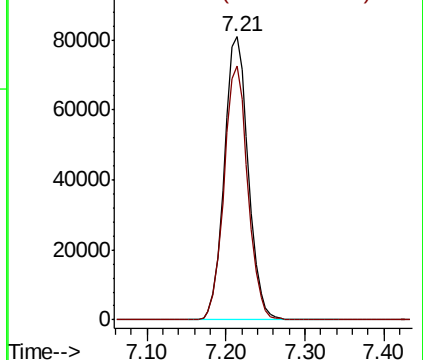
130 100

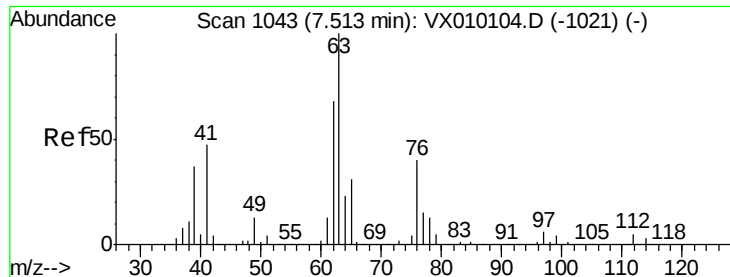
95 89.8 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

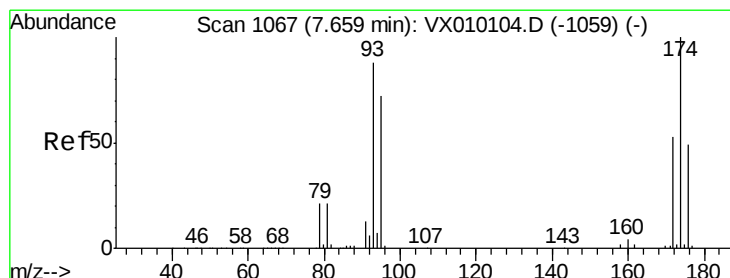
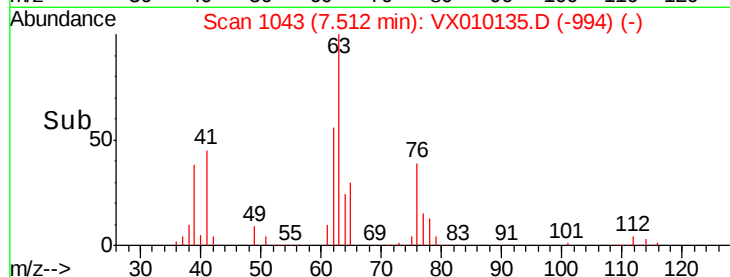
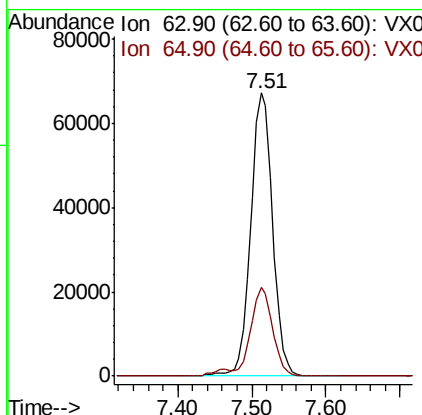
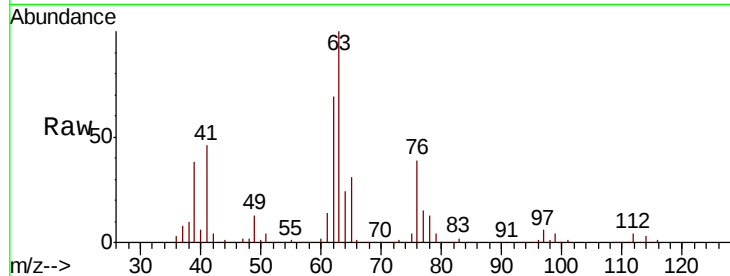




#45
 1,2-Dichloropropane
 Concen: 50.168 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

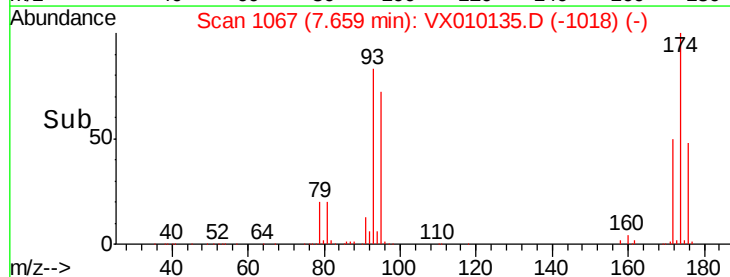
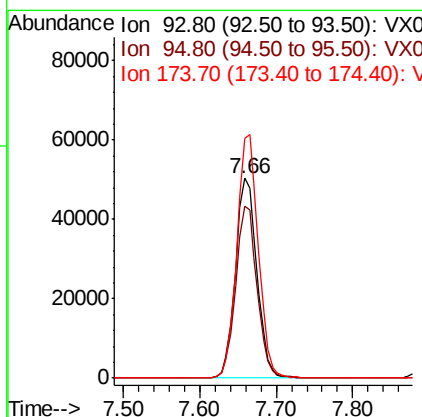
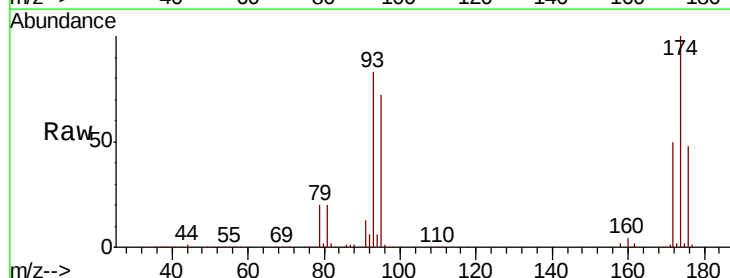
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 138819
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5



#46
 Dibromomethane
 Concen: 47.246 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion: 93 Resp: 97944
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.8 100.2
 174 121.3 81.9 122.9





#47

Bromodichloromethane

Concen: 49.035 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

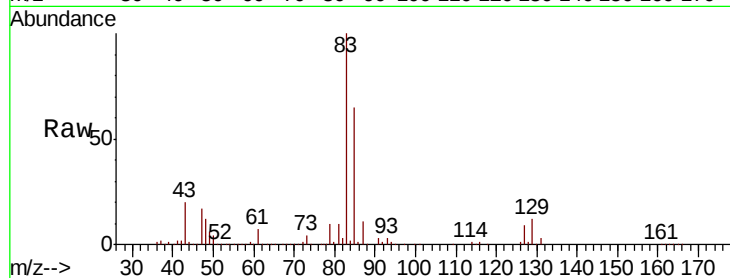
Tot Ion: 83 Resp: 189945

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.2

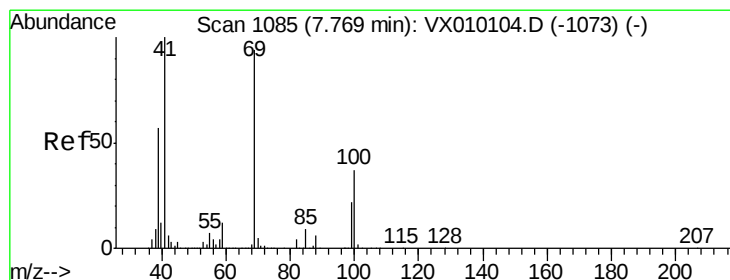
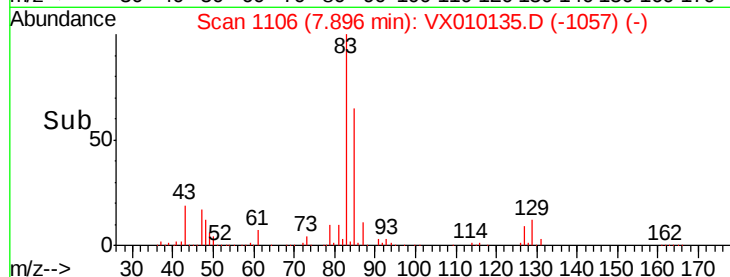
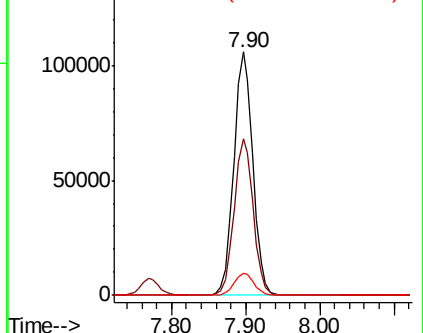
127 9.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.524 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

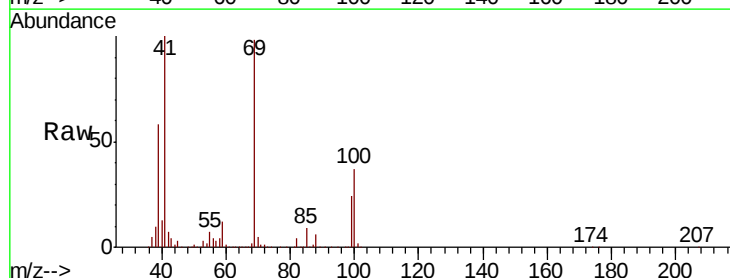
Tgt Ion: 41 Resp: 146965

Ion Ratio Lower Upper

41 100

69 96.8 56.4 84.6#

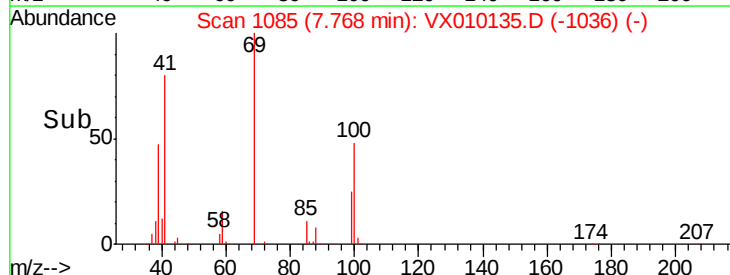
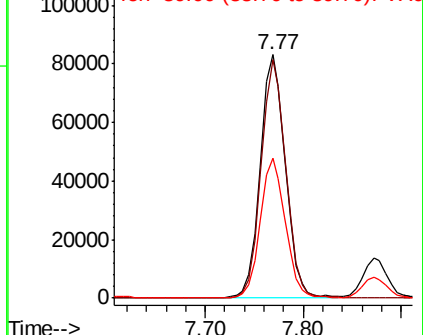
39 57.6 40.6 60.8

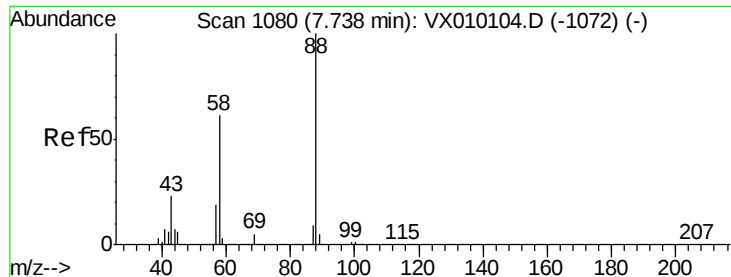


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

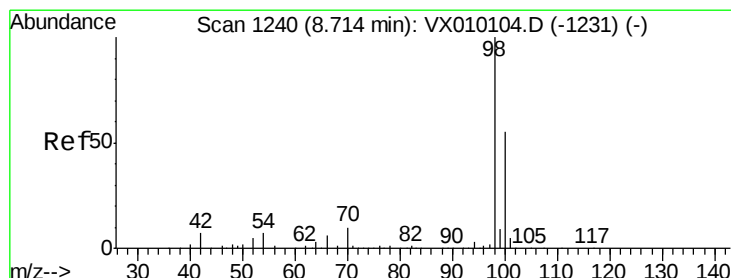
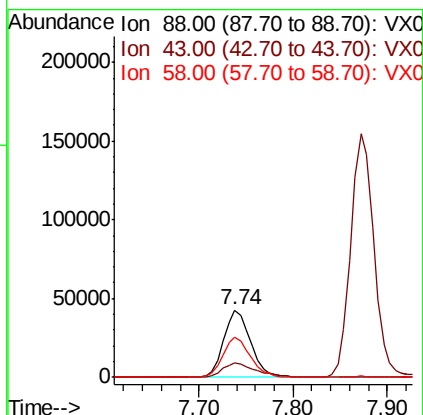
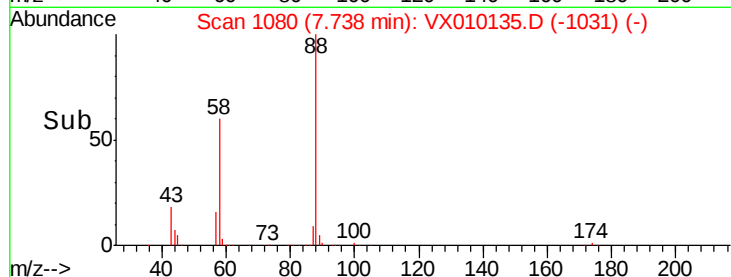
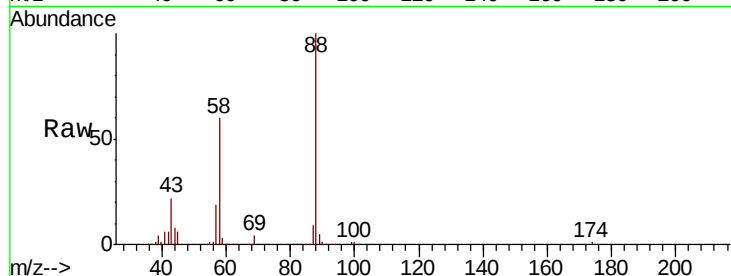




#49
1,4-Dioxane
Concen: 1009.071 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

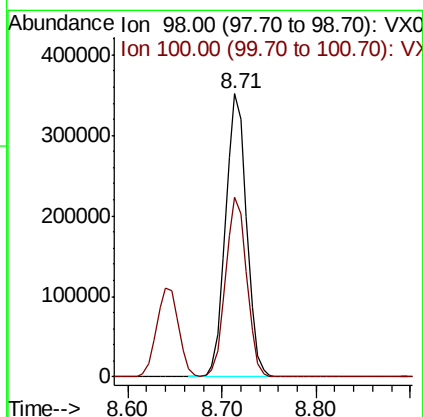
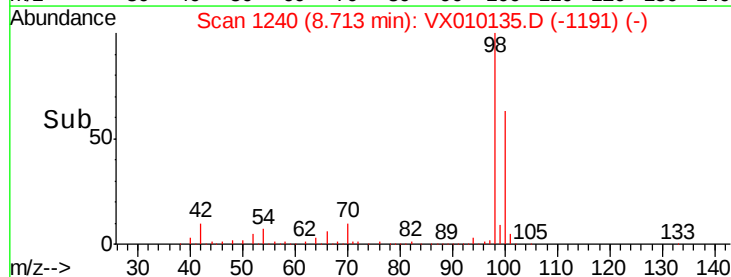
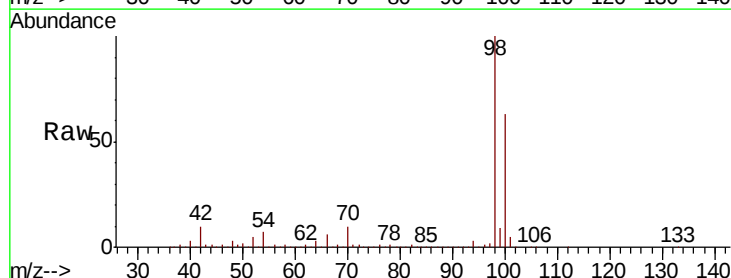
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

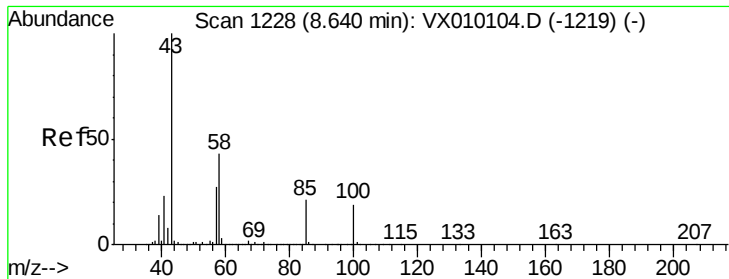
Tot Ion: 88 Resp: 83686
Ion Ratio Lower Upper
88 100
43 25.0 30.2 45.4#
58 61.8 64.0 96.0#



#50
Toluene-d8
Concen: 53.638 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 98 Resp: 543397
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 263.960 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

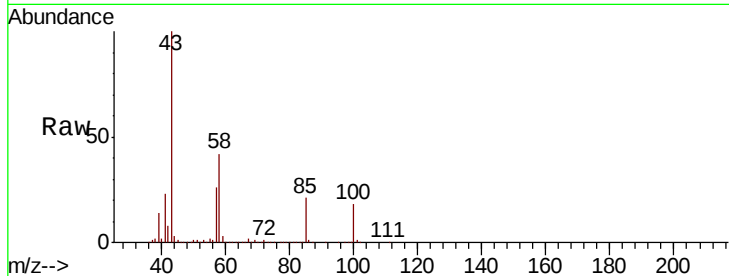
VSTDCCC050EC

Tot Ion: 43 Resp: 980797

Ion Ratio Lower Upper

43 100

58 41.9 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

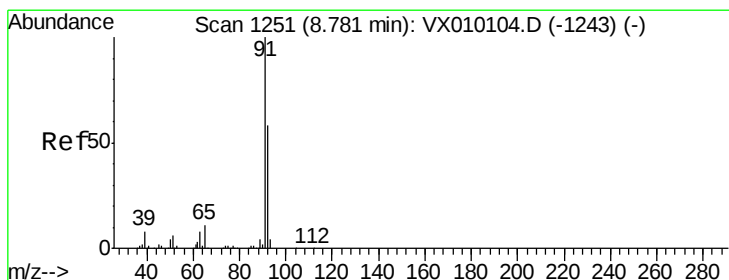
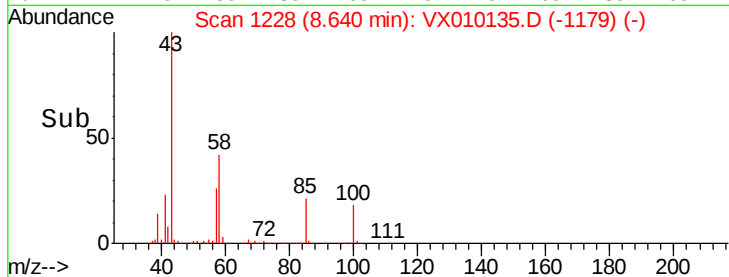
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.157 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010135.D

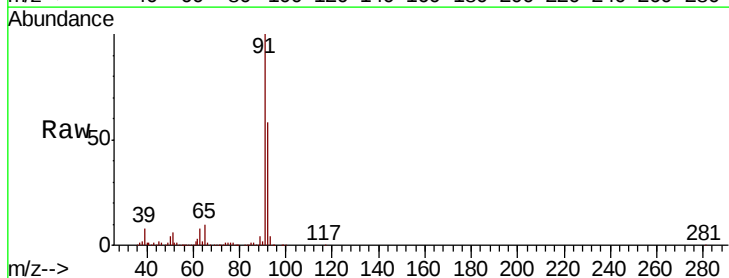
Acq: 08 Jun 2019 01:37

Tgt Ion: 92 Resp: 357237

Ion Ratio Lower Upper

92 100

91 175.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

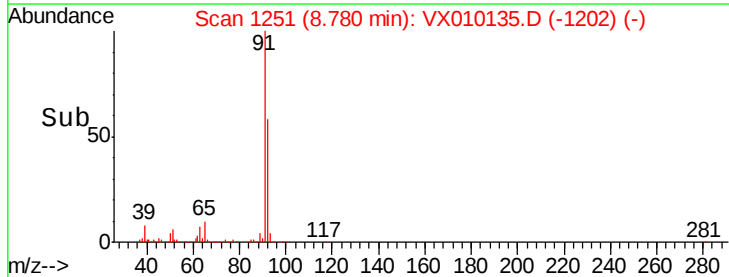
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.904 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

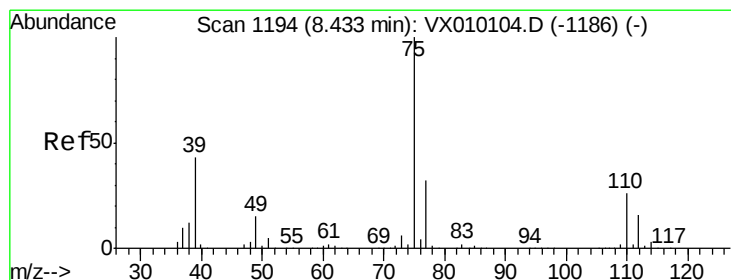
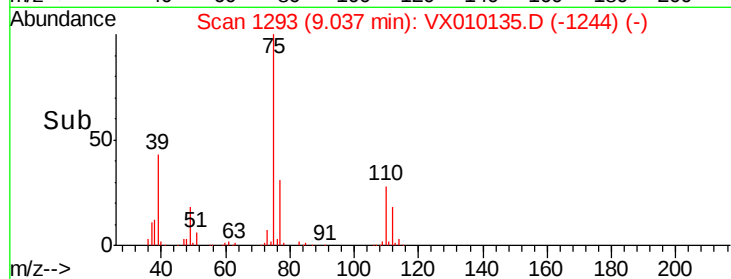
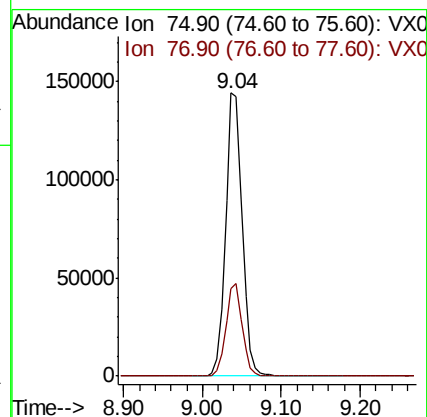
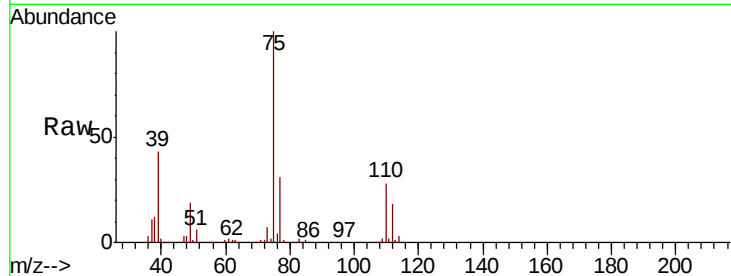
VSTDCCC050EC

Tot Ion: 75 Resp: 210157

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 46.697 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

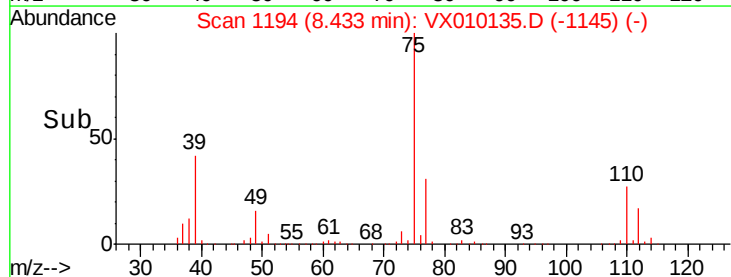
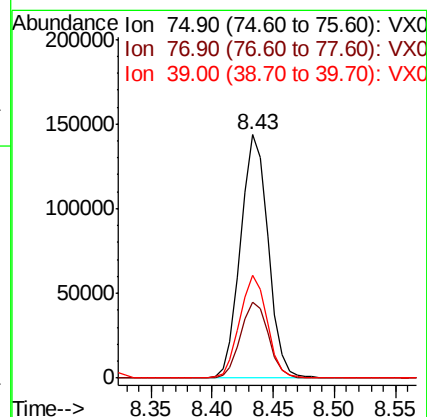
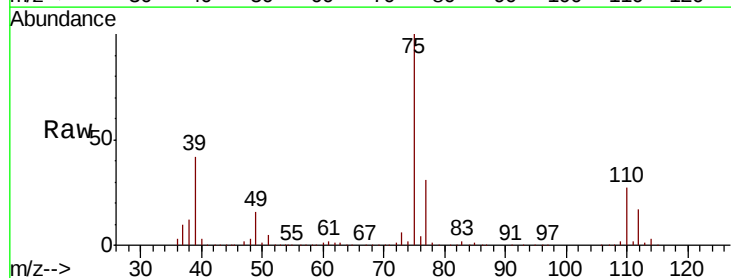
Tgt Ion: 75 Resp: 224307

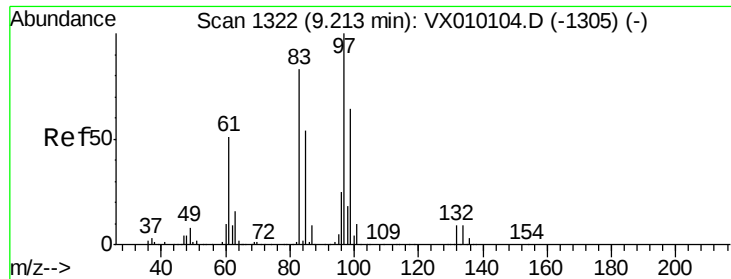
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 42.3 43.4 65.0#

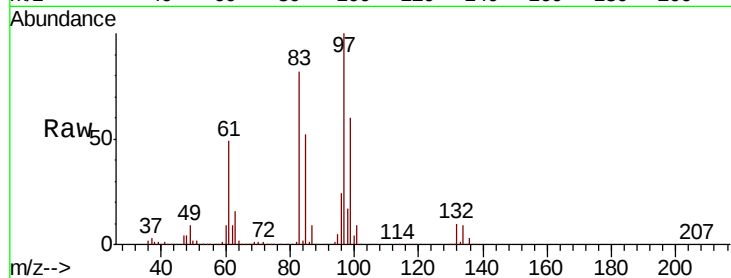




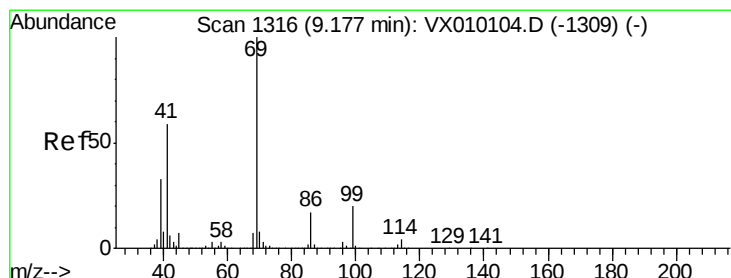
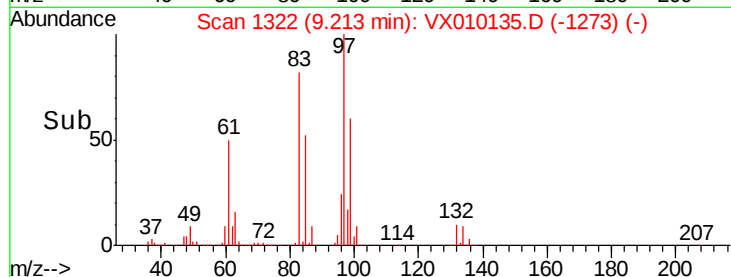
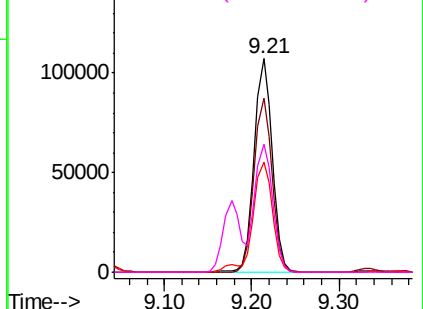
#55
 1,1,2-Trichloroethane
 Concen: 51.352 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	152836
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.8	104.8
85	51.8	45.3	67.9
99	60.2	49.0	73.4

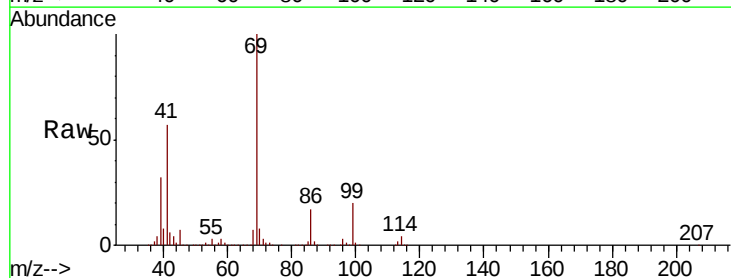


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

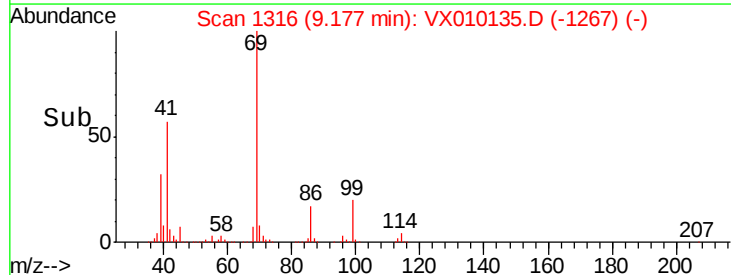
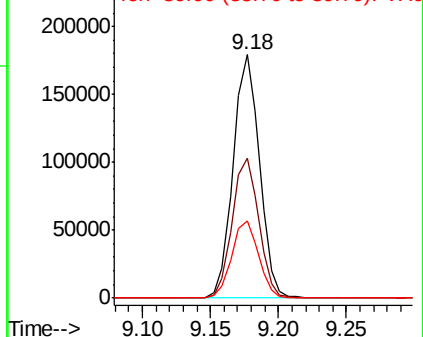


#56
 Ethyl methacrylate
 Concen: 51.390 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion:	69	Resp:	241608
Ion	Ratio	Lower	Upper
69	100		
41	58.1	62.7	94.1#
39	32.3	29.5	44.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

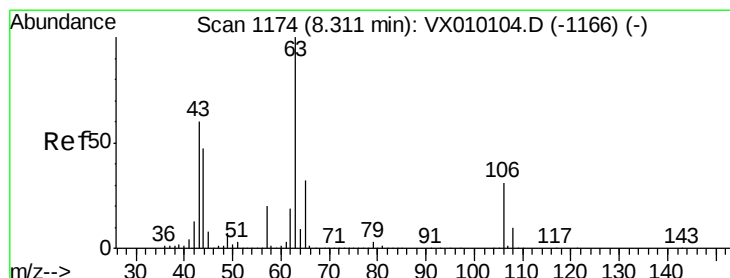
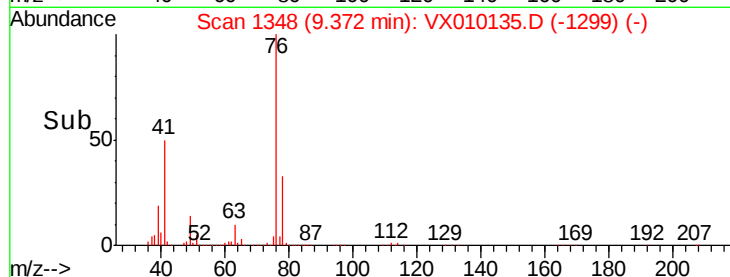
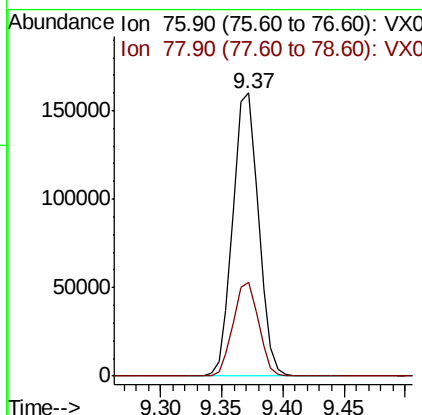
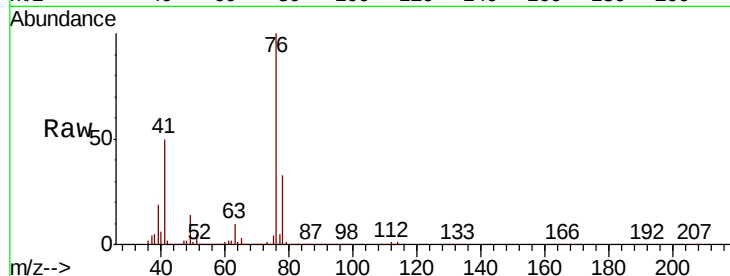




#57
 1,3-Dichloropropane
 Concen: 49.557 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

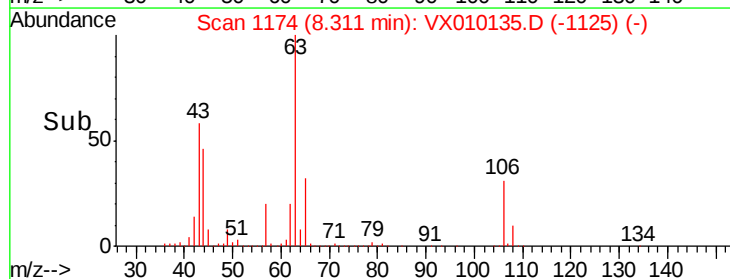
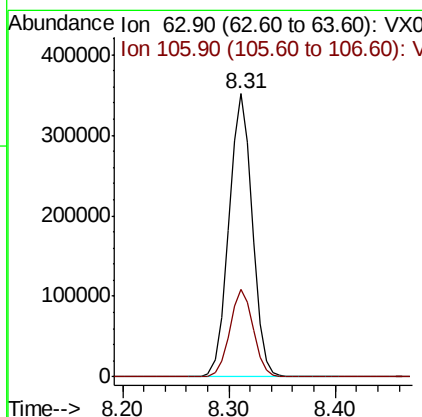
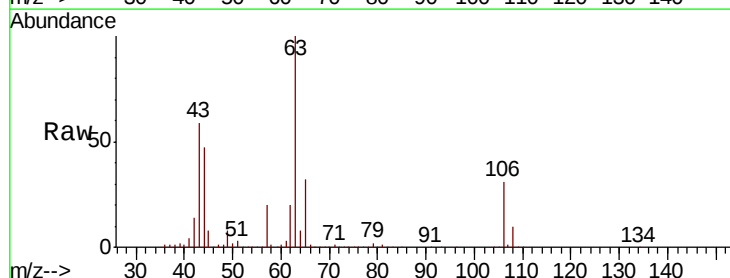
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 232207
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.613 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion: 63 Resp: 542156
 Ion Ratio Lower Upper
 63 100
 106 31.0 19.4 29.2#

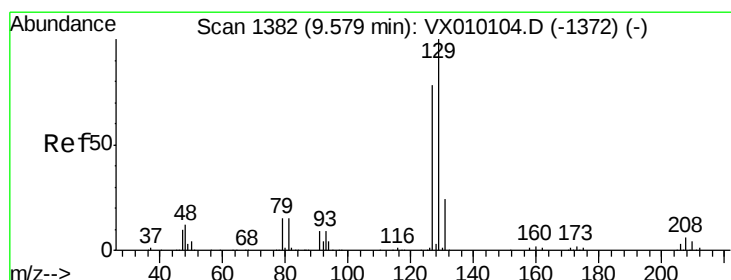
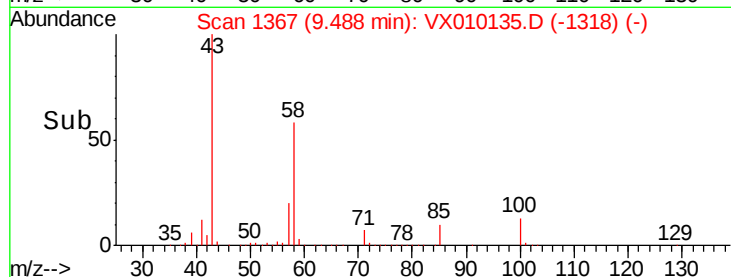
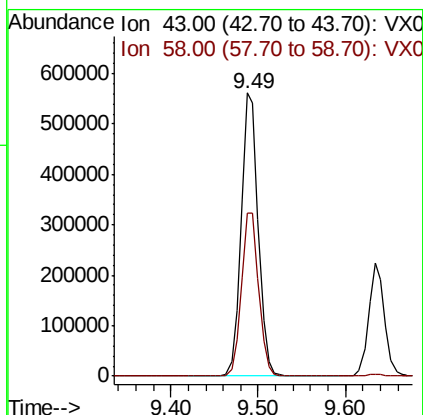
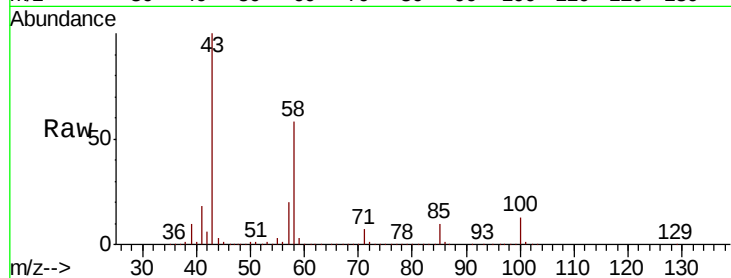




#59
2-Hexanone
Concen: 257.289 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

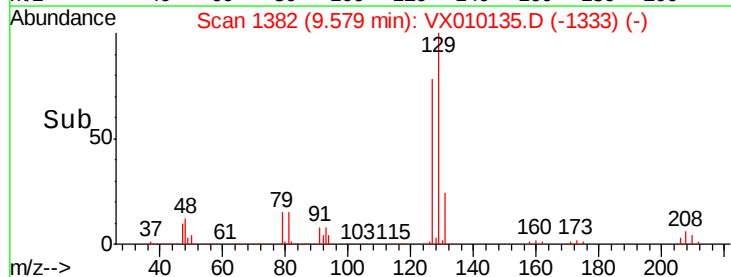
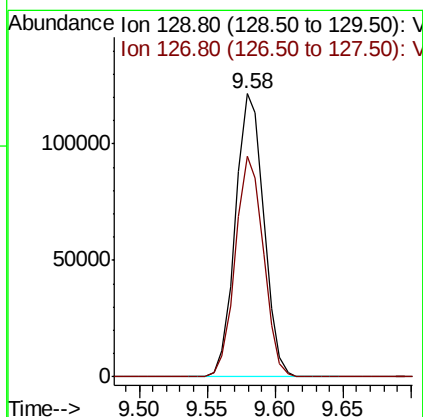
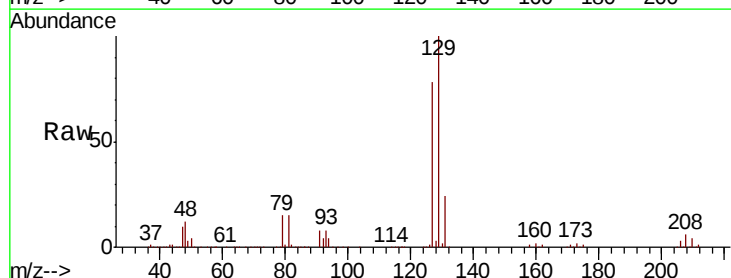
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

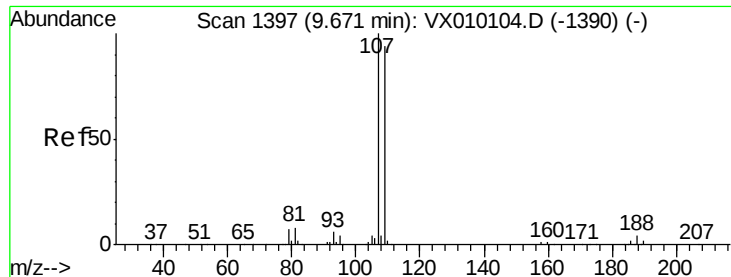
Tot Ion: 43 Resp: 762237
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3



#60
Dibromochloromethane
Concen: 50.302 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 129 Resp: 177083
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

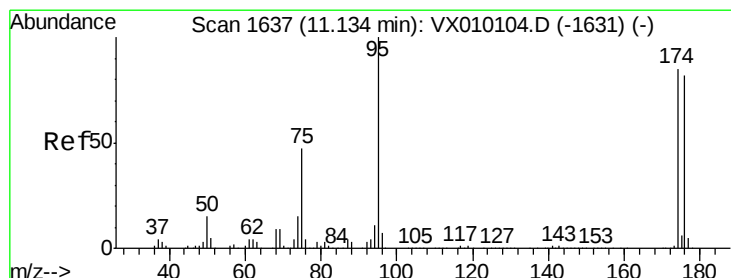
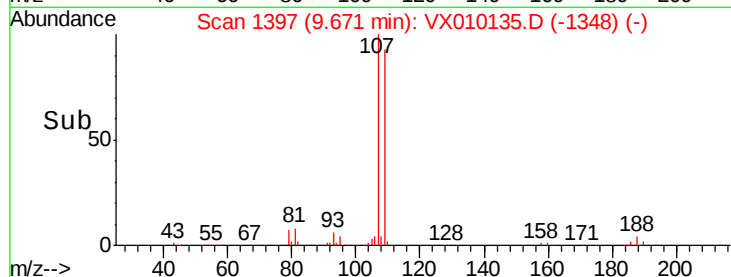
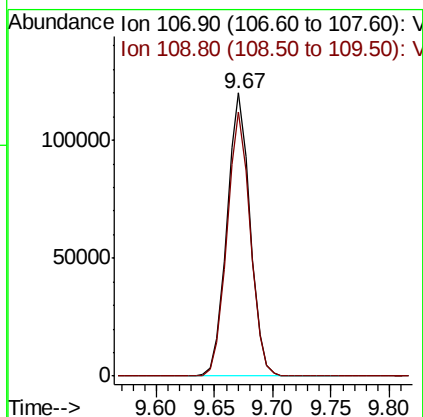
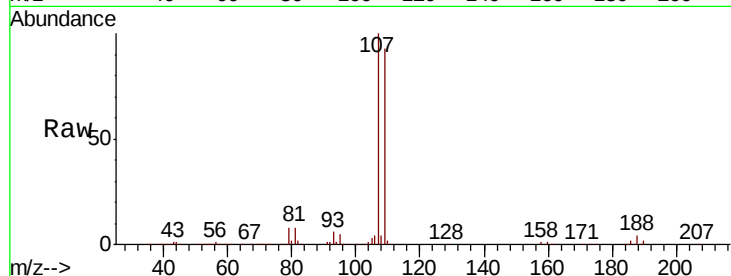




#61
 1,2-Dibromoethane
 Concen: 49.989 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

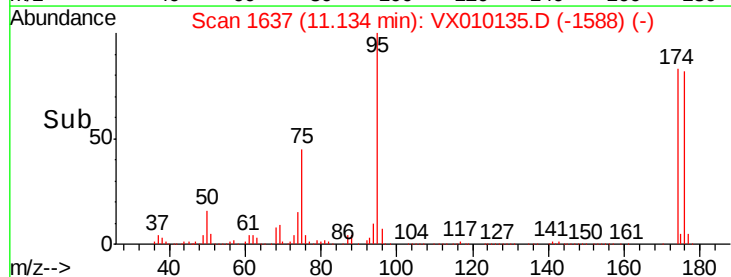
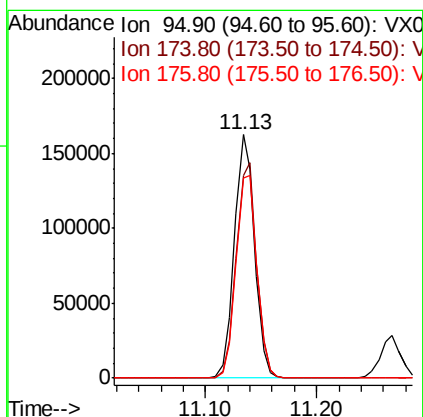
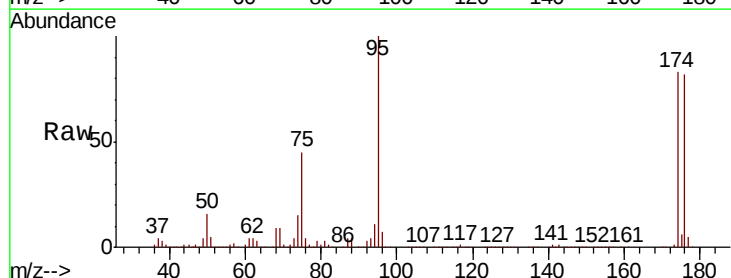
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

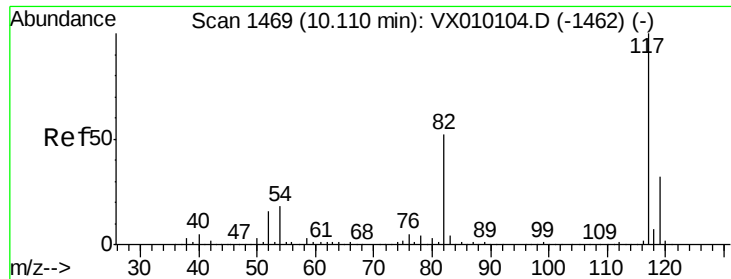
Tot Ion:107 Resp: 165705
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 53.412 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion: 95 Resp: 202083
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 160.4
 176 87.5 0.0 154.6

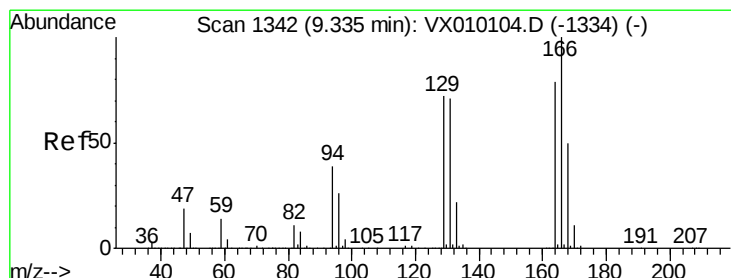
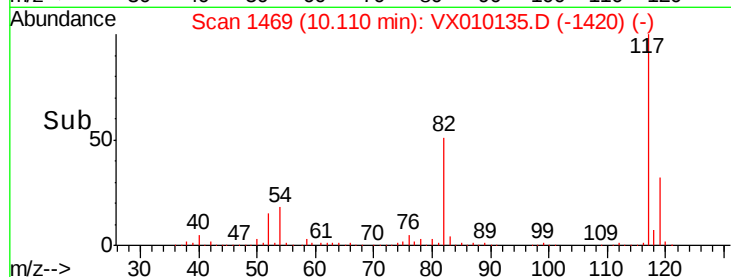
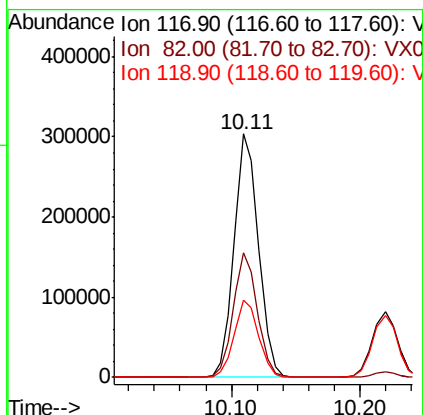
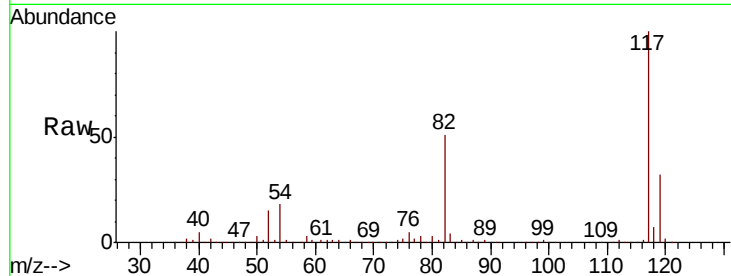




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

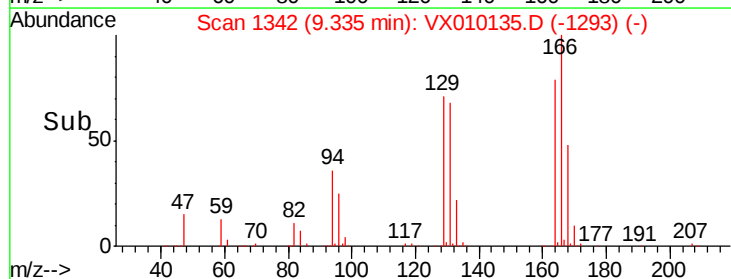
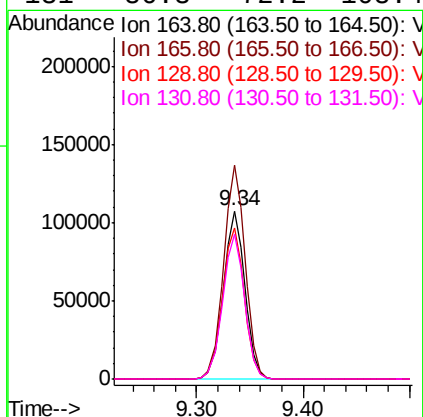
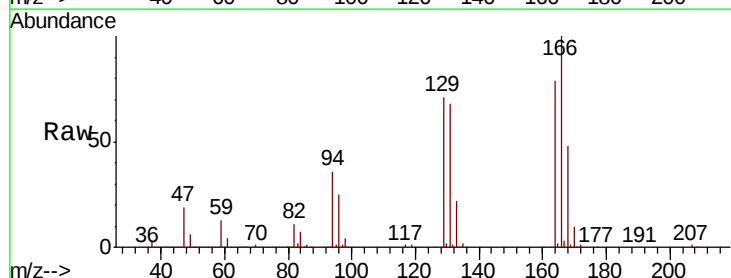
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

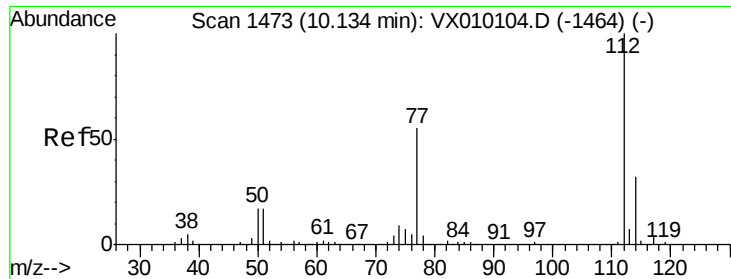
Tot Ion:117 Resp: 403181
Ion Ratio Lower Upper
117 100
82 51.1 49.2 73.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 50.659 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion:164 Resp: 151700
Ion Ratio Lower Upper
164 100
166 127.3 105.0 157.4
129 90.3 75.1 112.7
131 86.3 72.2 108.4

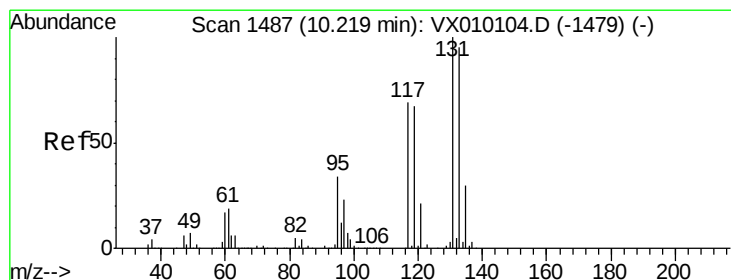
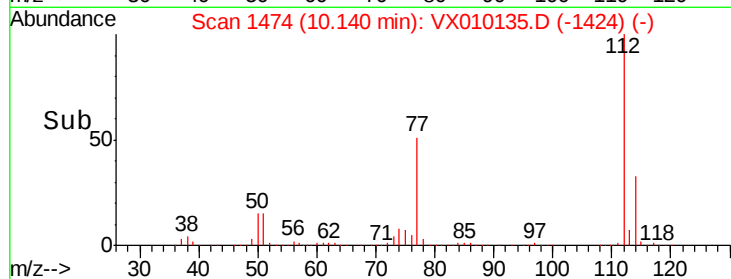
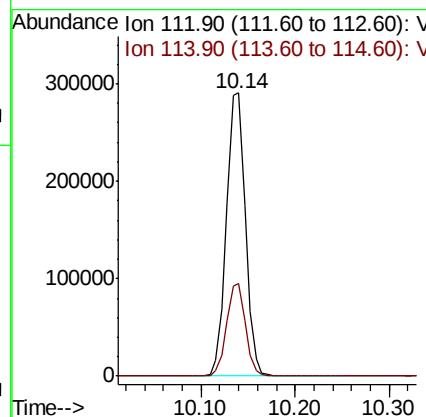
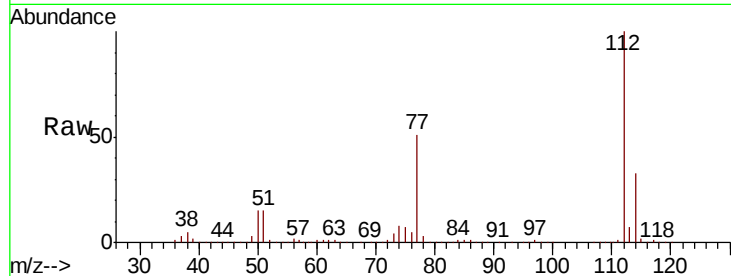




#65
Chlorobenzene
Concen: 48.879 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

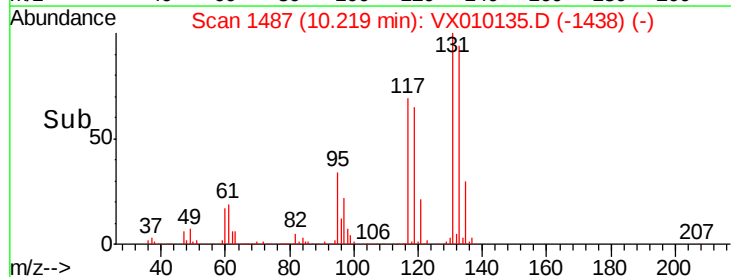
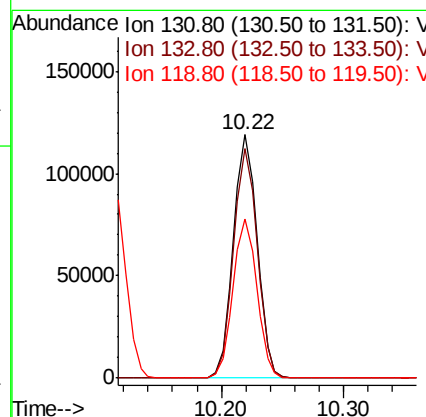
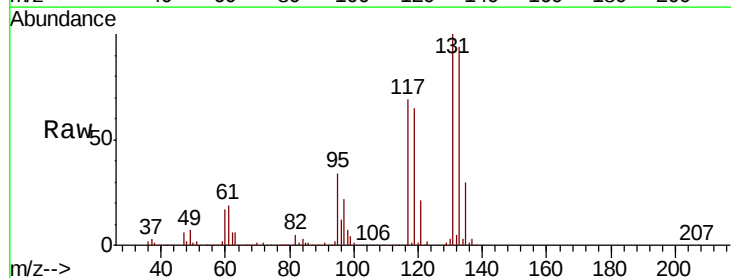
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

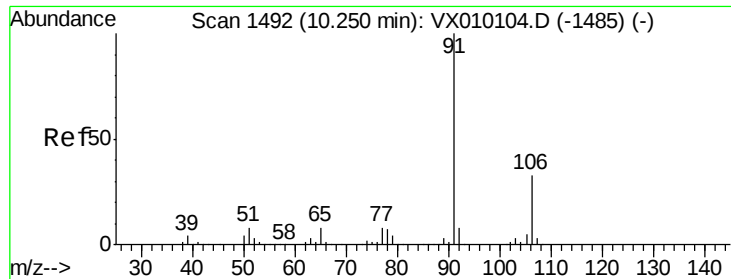
Tot Ion:112 Resp: 406738
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.927 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion:131 Resp: 159771
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 65.7 33.4 100.1

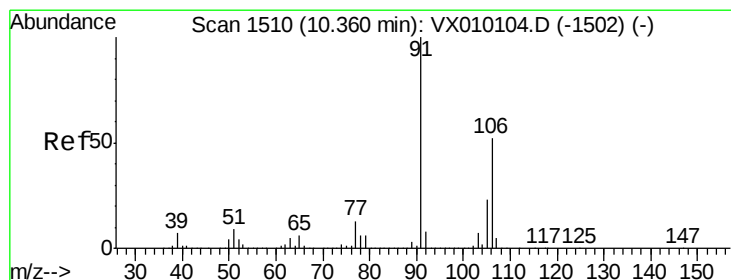
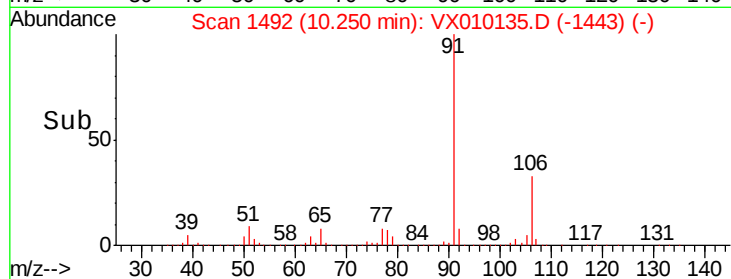
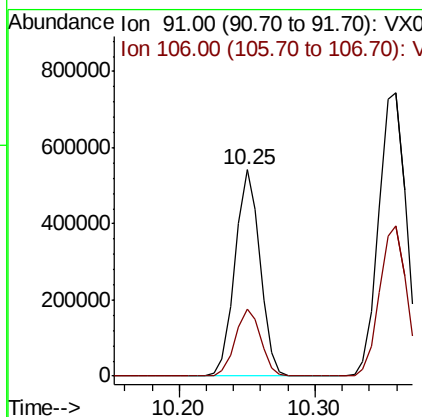
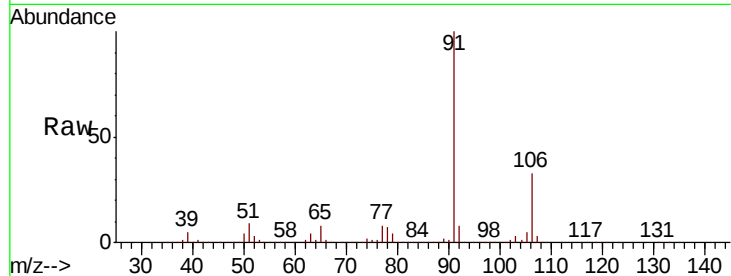




#67
Ethyl Benzene
Concen: 49.081 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

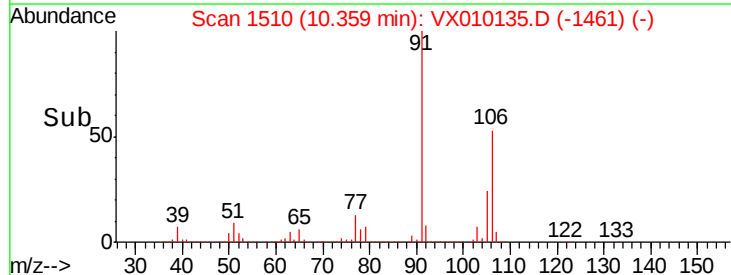
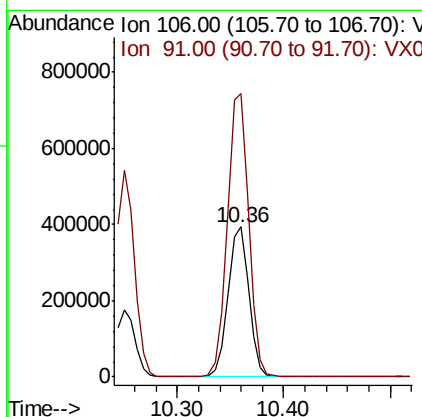
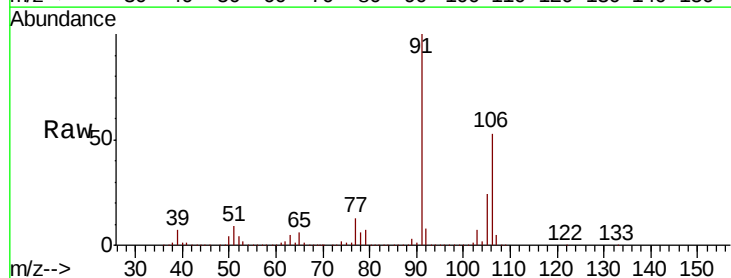
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

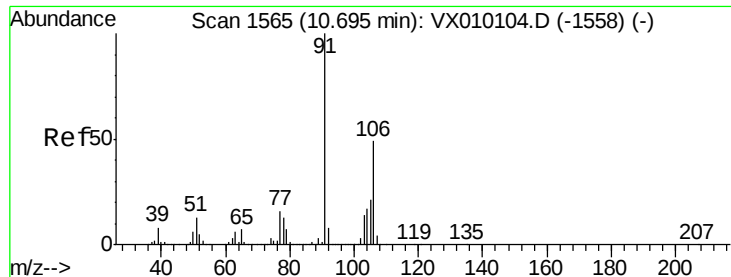
Tot Ion: 91 Resp: 695271
Ion Ratio Lower Upper
91 100
106 32.6 23.9 35.9



#68
m/p-Xylenes
Concen: 98.907 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 106 Resp: 542183
Ion Ratio Lower Upper
106 100
91 193.4 167.3 250.9

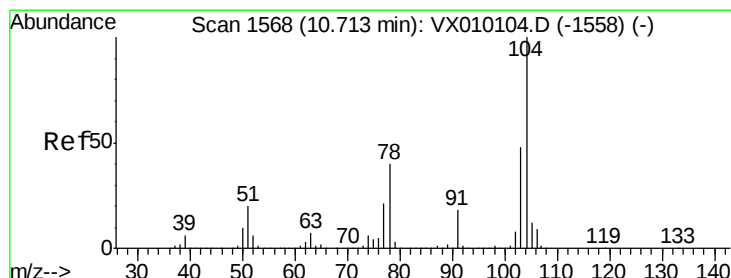
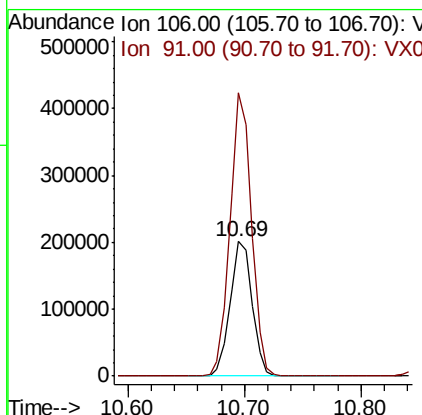
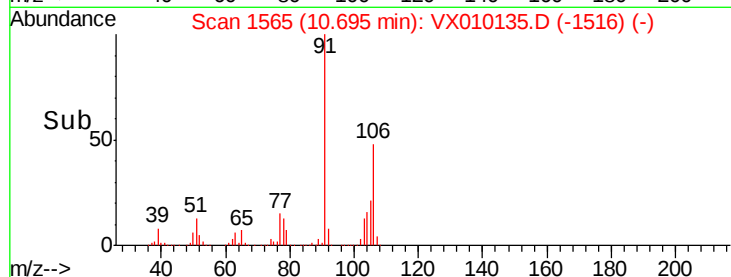
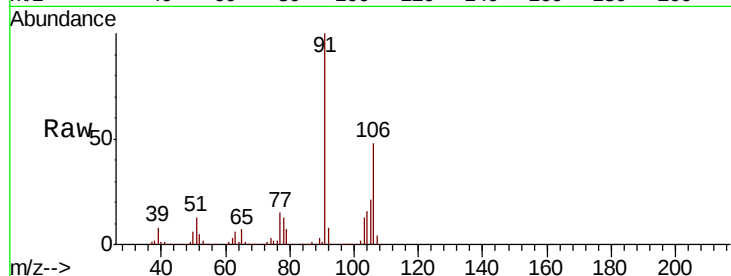




#69
o-Xylene
Concen: 48.767 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

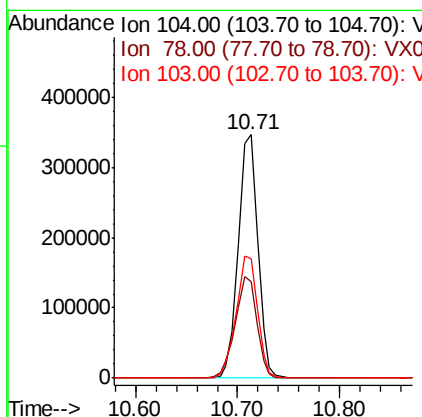
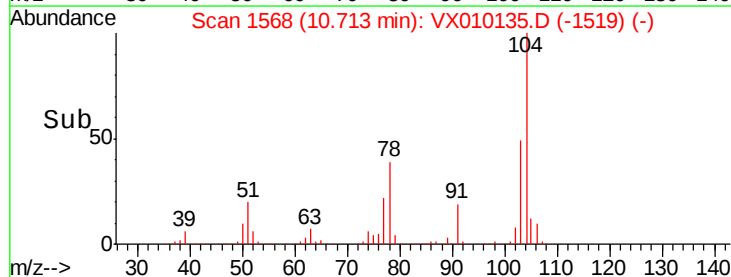
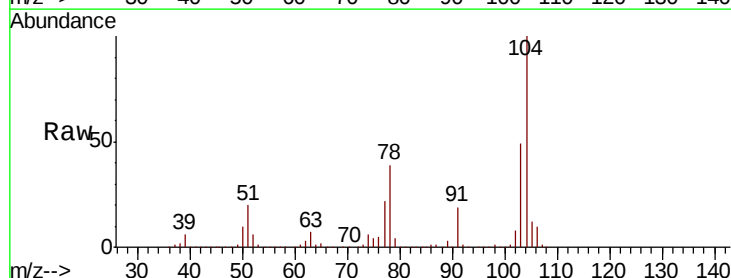
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

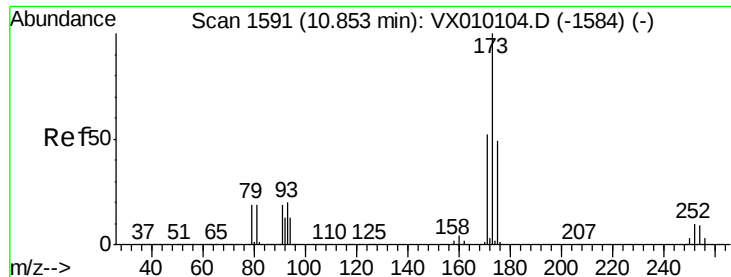
Tot Ion:106 Resp: 265738
Ion Ratio Lower Upper
106 100
91 204.6 110.4 331.2



#70
Styrene
Concen: 49.691 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion:104 Resp: 458601
Ion Ratio Lower Upper
104 100
78 46.1 42.1 63.1
103 54.8 44.1 66.1





#71

Bromoform

Concen: 49.341 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

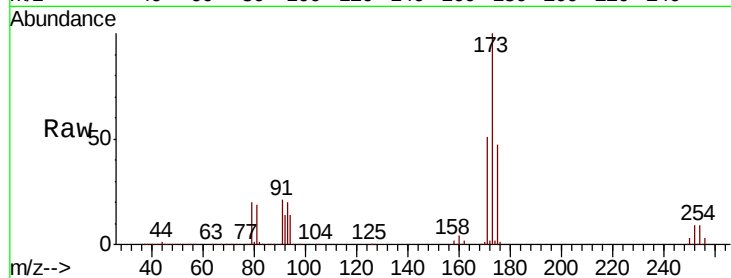
Tot Ion:173 Resp: 145154

Ion Ratio Lower Upper

173 100

175 48.5 25.0 75.0

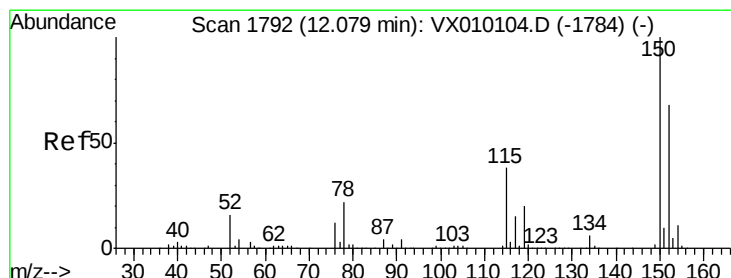
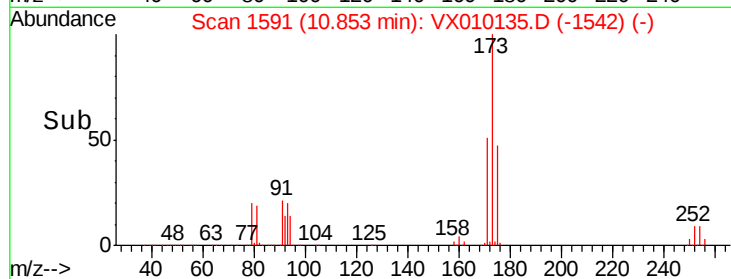
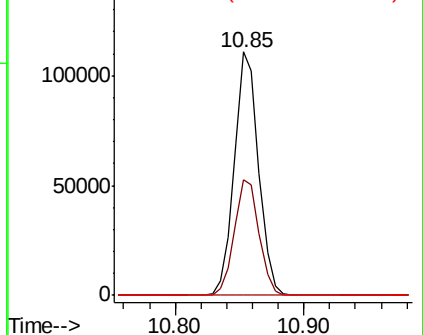
254 0.1 0.2 0.2#



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: VX010135.D

Acq: 08 Jun 2019 01:37

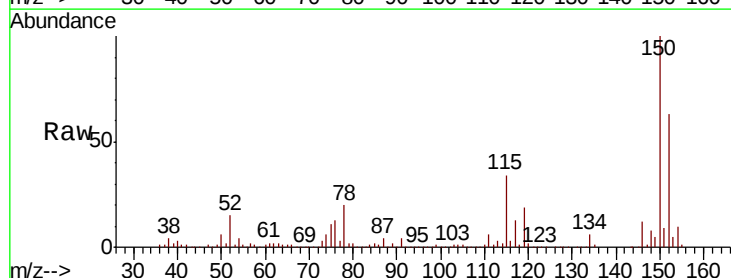
Tgt Ion:152 Resp: 200907

Ion Ratio Lower Upper

152 100

115 77.8 41.4 124.2

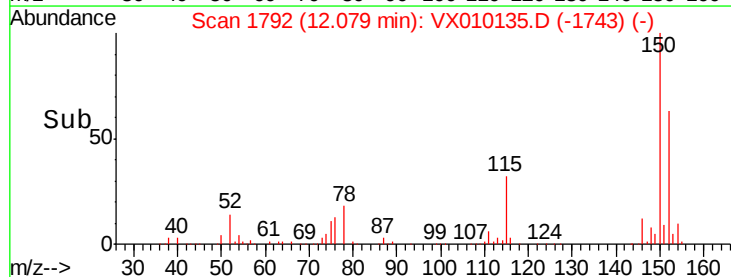
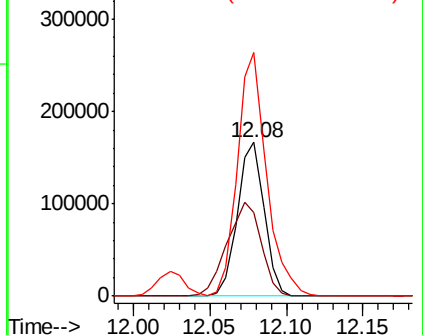
150 173.2 0.0 345.2

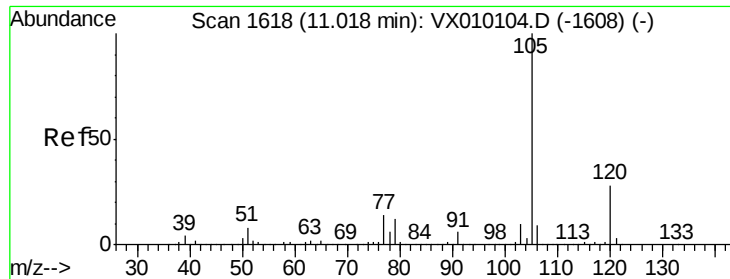


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

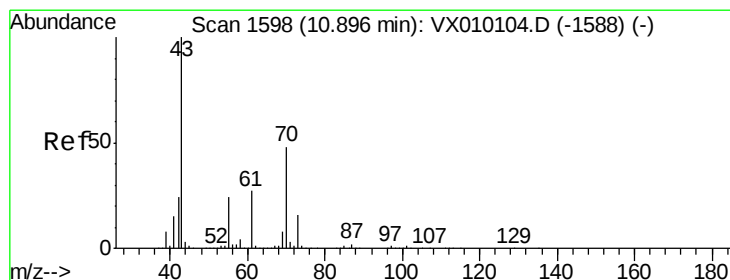
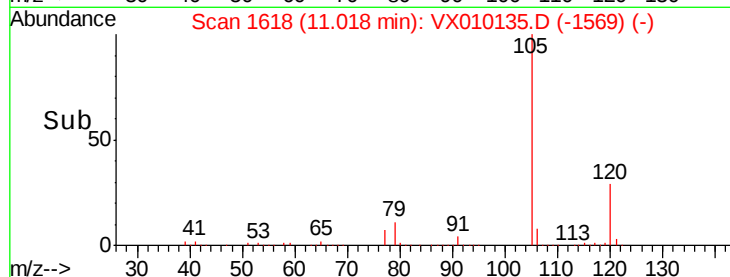
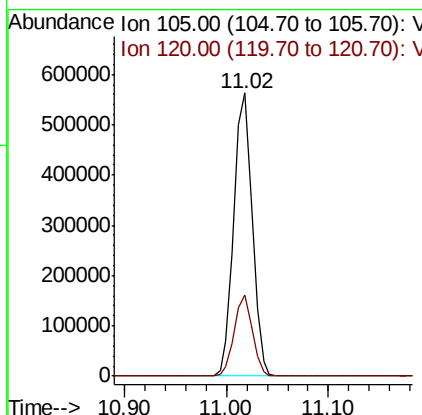
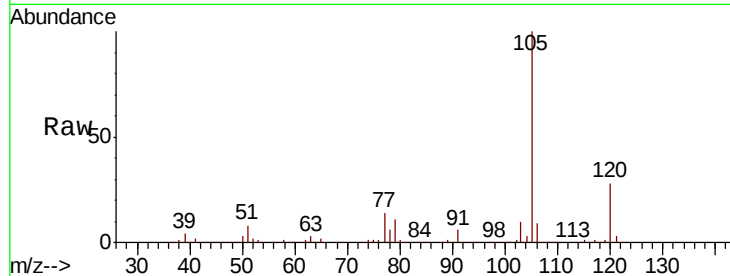




#73
Isopropylbenzene
Concen: 49.809 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

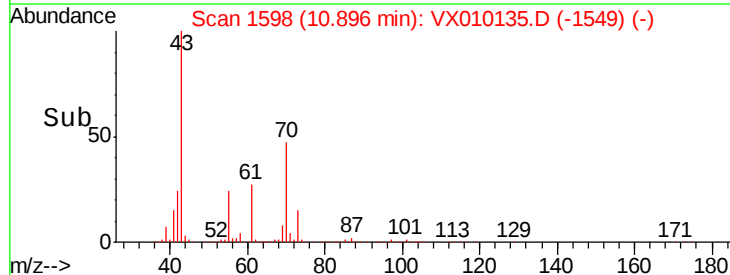
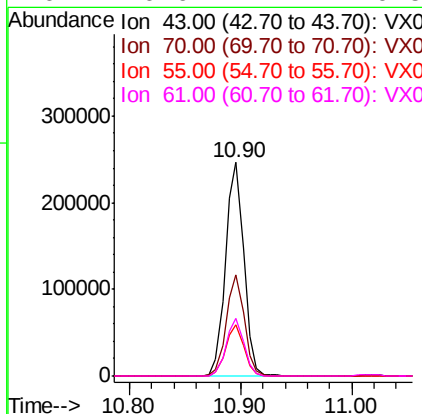
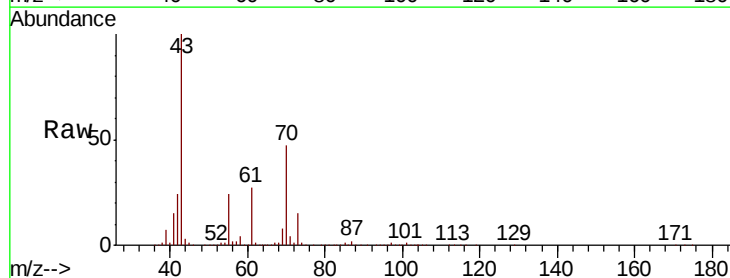
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

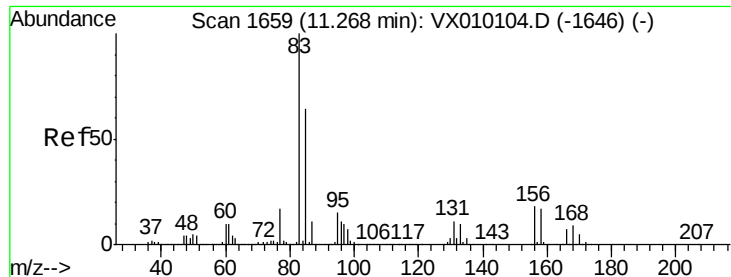
Tot Ion:105 Resp: 698560
Ion Ratio Lower Upper
105 100
120 28.1 12.8 38.4



#74
N-ethyl acetate
Concen: 50.501 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 43 Resp: 279973
Ion Ratio Lower Upper
43 100
70 47.0 28.6 43.0#
55 23.8 17.8 26.8
61 26.6 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.393 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

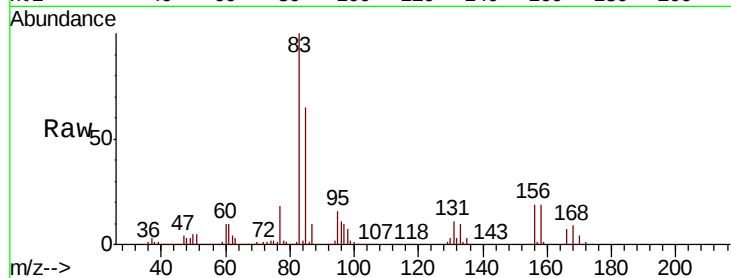
Tot Ion: 83 Resp: 237125

Ion Ratio Lower Upper

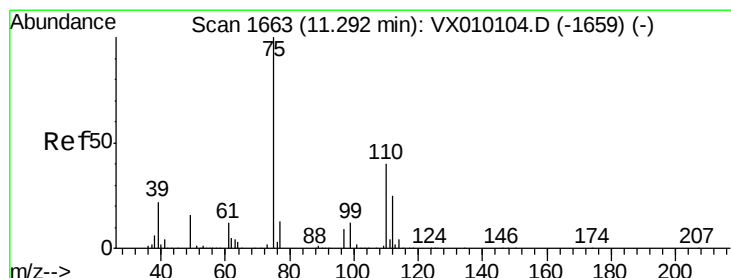
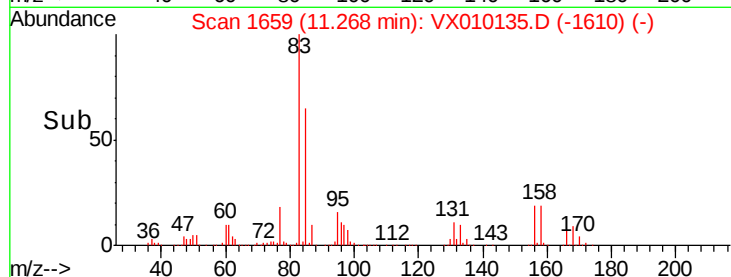
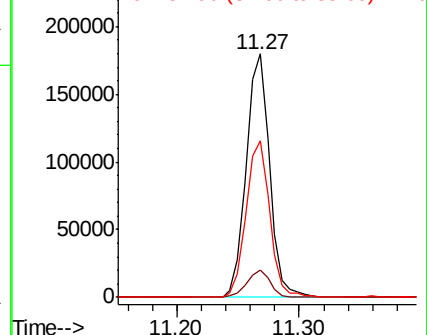
83 100

131 11.1 4.7 14.1

85 65.1 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 67.589 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010135.D

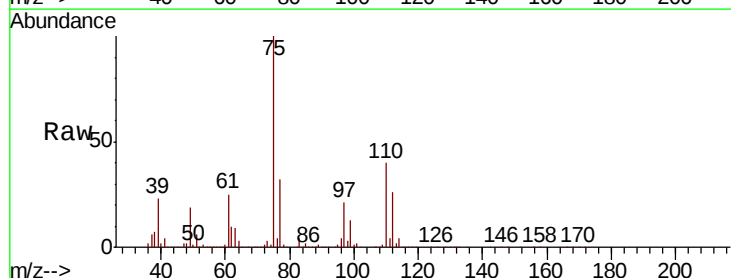
Acq: 08 Jun 2019 01:37

Tgt Ion: 75 Resp: 271608

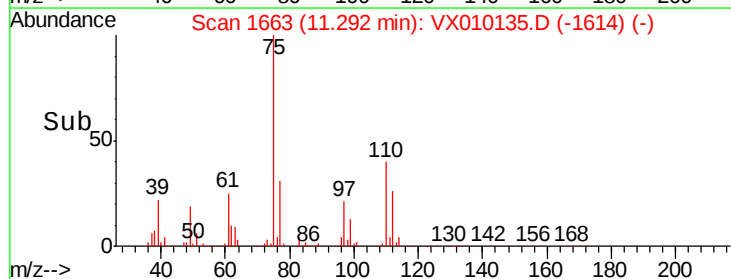
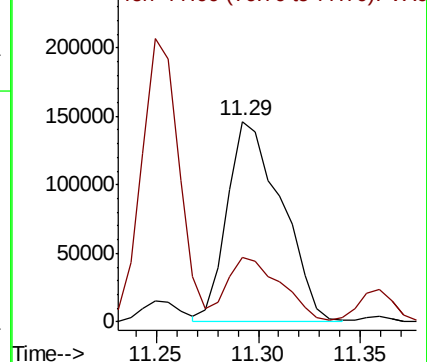
Ion Ratio Lower Upper

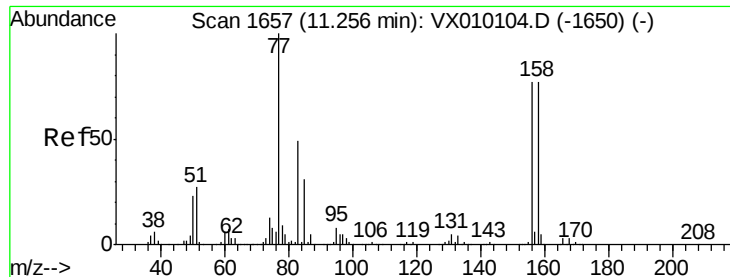
75 100

77 32.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.238 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

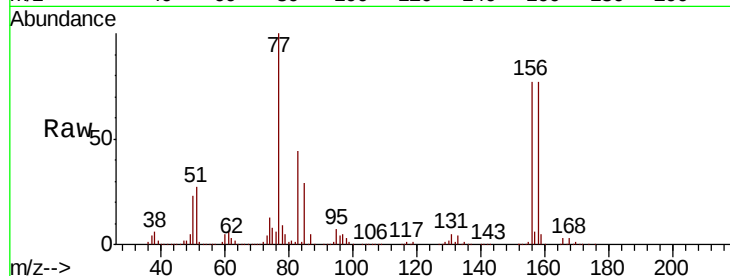
Tot Ion:156 Resp: 189898

Ion Ratio Lower Upper

156 100

77 138.8 86.8 260.3

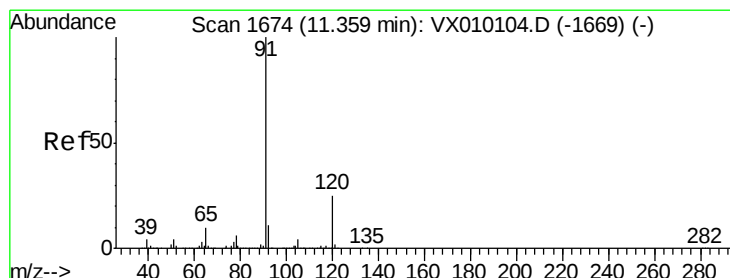
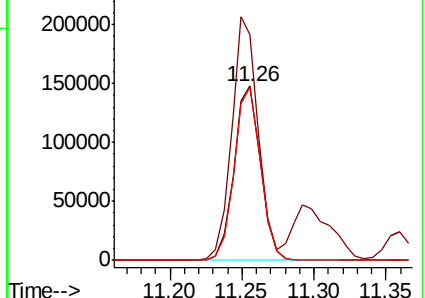
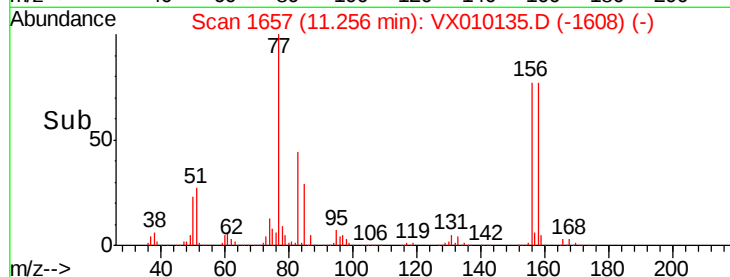
158 98.9 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.596 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010135.D

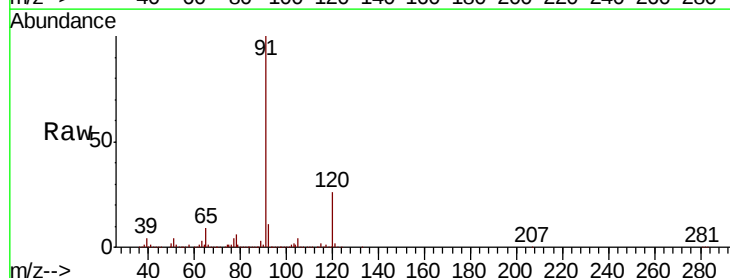
Acq: 08 Jun 2019 01:37

Tgt Ion: 91 Resp: 774368

Ion Ratio Lower Upper

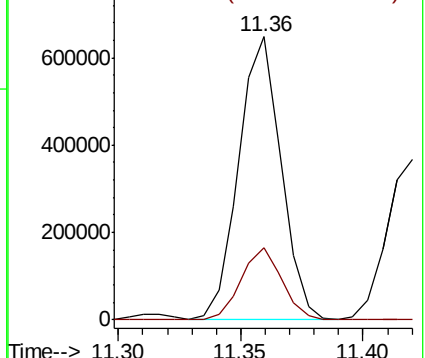
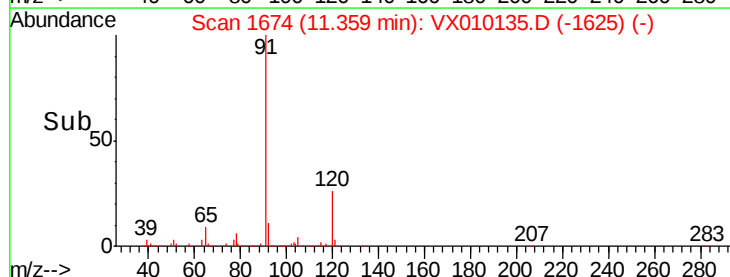
91 100

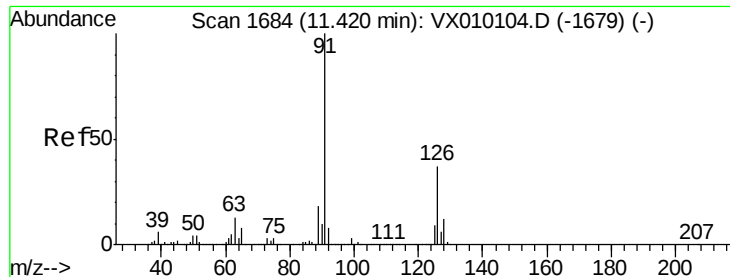
120 25.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.306 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

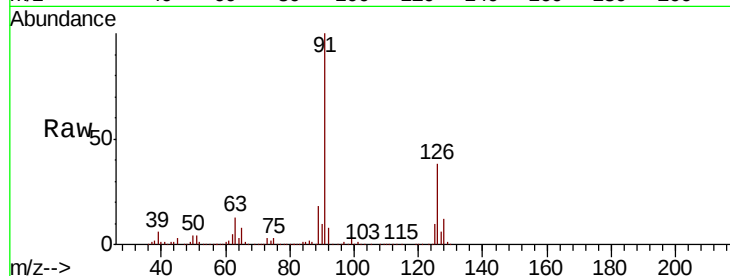
VSTDCCC050EC

Tot Ion: 91 Resp: 462359

Ion Ratio Lower Upper

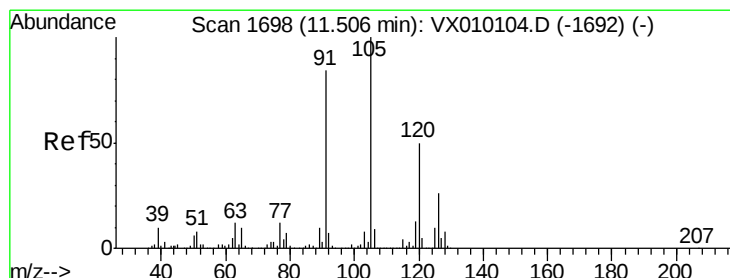
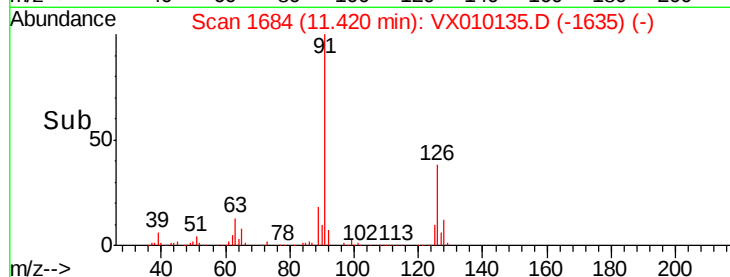
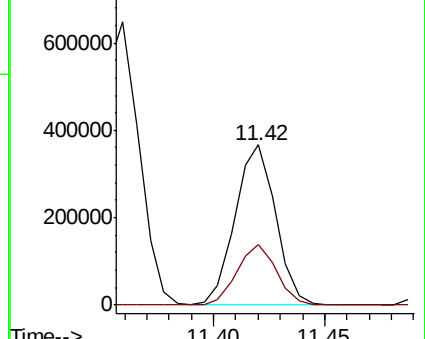
91 100

126 37.1 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.475 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010135.D

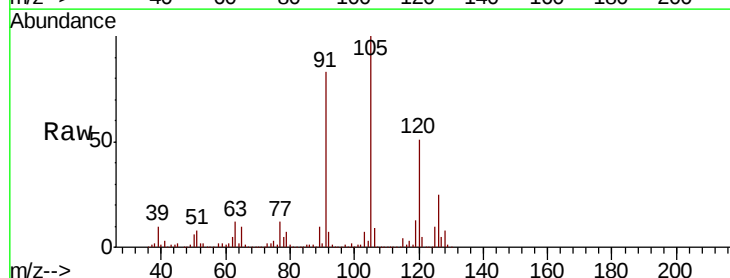
Acq: 08 Jun 2019 01:37

Tgt Ion:105 Resp: 584424

Ion Ratio Lower Upper

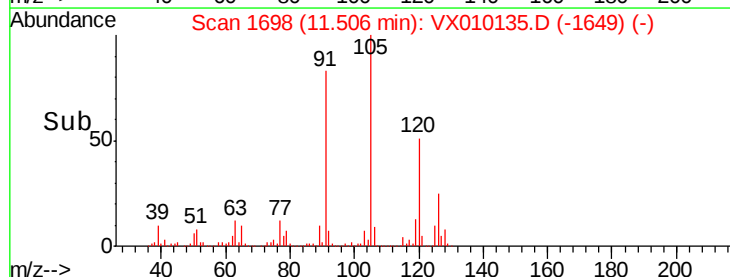
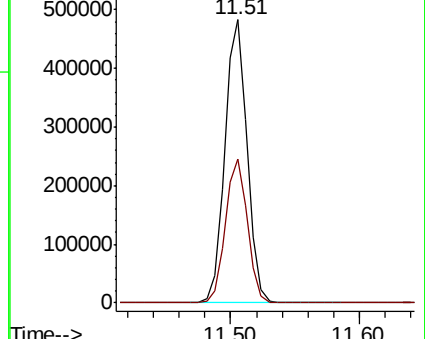
105 100

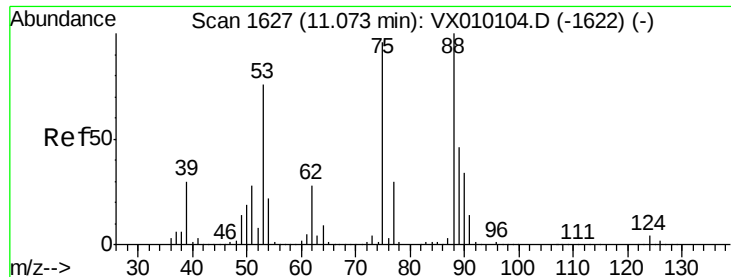
120 50.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

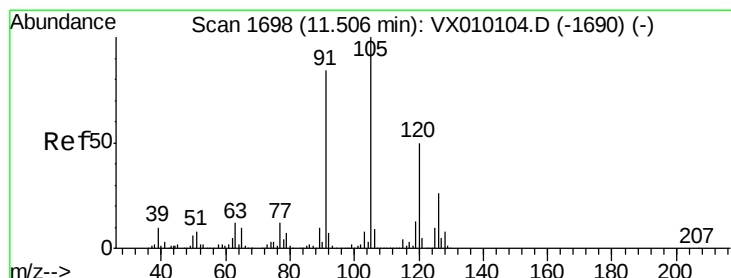
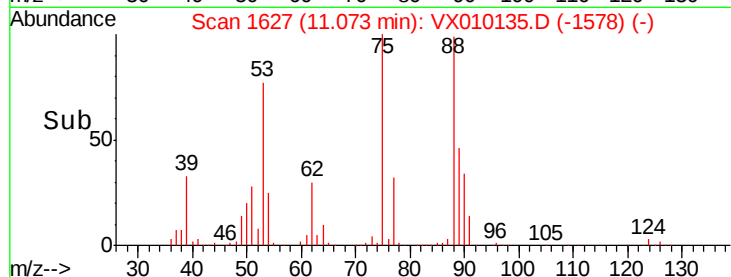
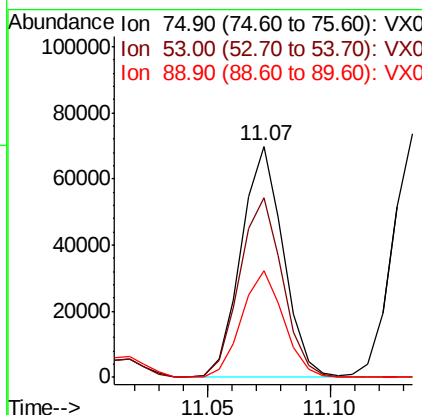
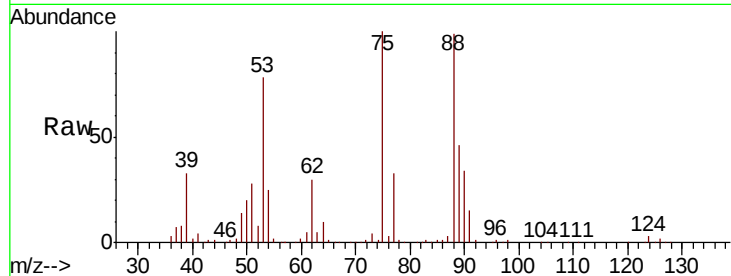




#81
trans-1,4-Dichloro-2-butene
Concen: 45.722 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

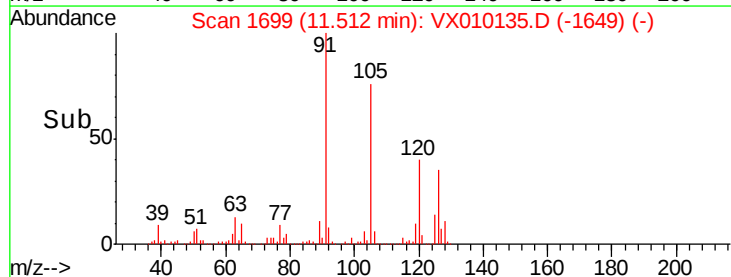
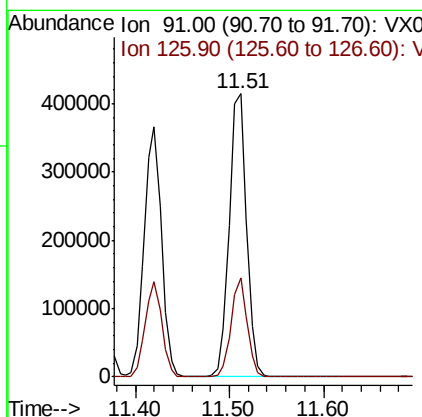
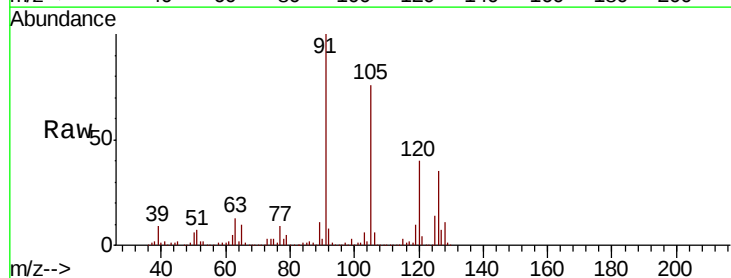
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

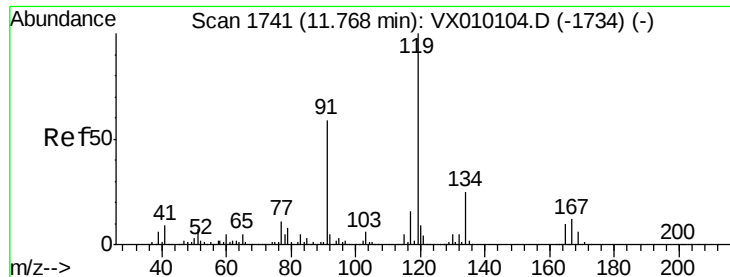
Tot Ion: 75 Resp: 83159
Ion Ratio Lower Upper
75 100
53 79.6 79.8 119.6#
89 46.3 34.2 51.4



#82
4-Chlorotoluene
Concen: 49.761 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 91 Resp: 530071
Ion Ratio Lower Upper
91 100
126 32.5 14.2 42.6

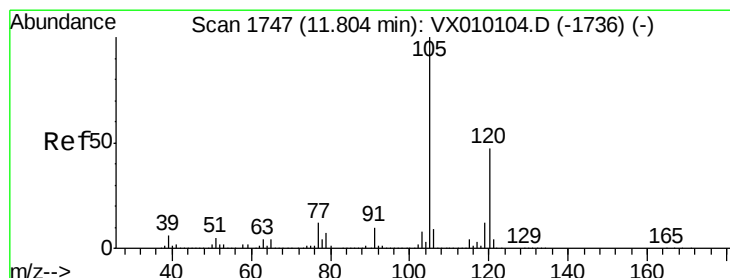
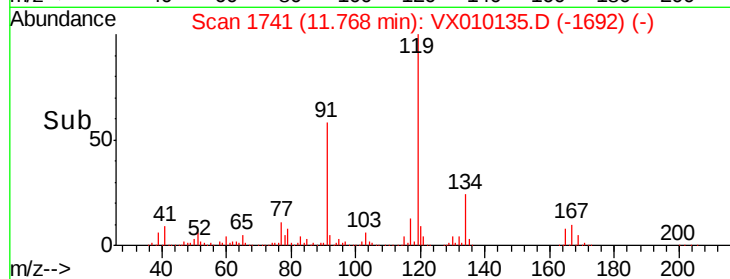
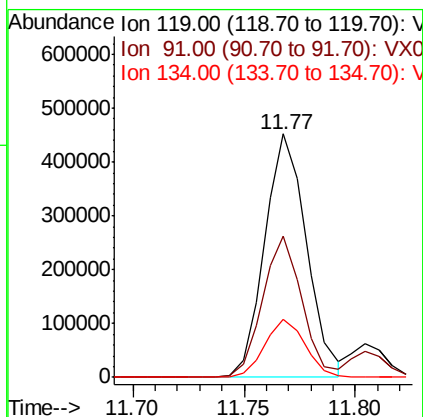
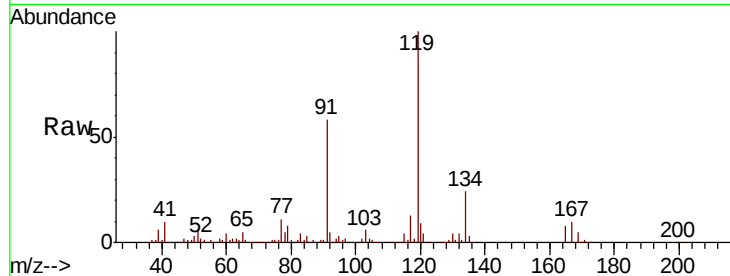




#83
tert-Butylbenzene
Concen: 49.232 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

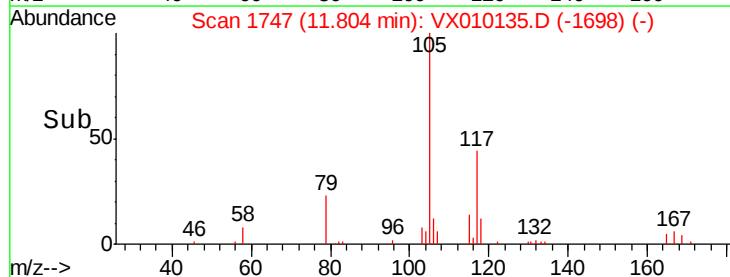
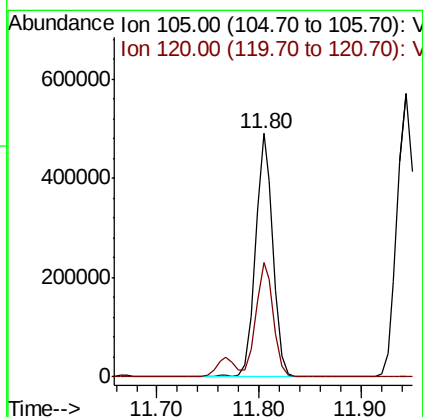
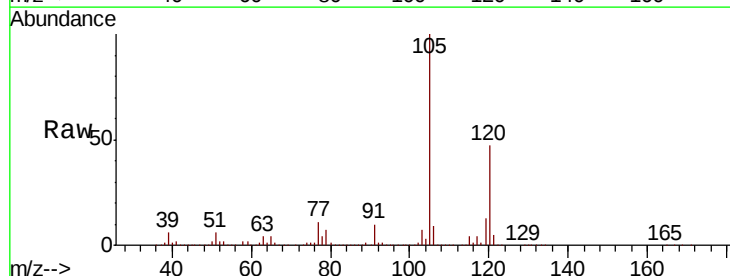
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

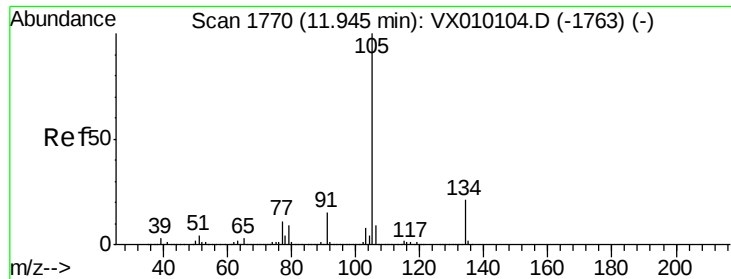
Tot Ion:119 Resp: 588609
Ion Ratio Lower Upper
119 100
91 54.8 30.0 90.0
134 23.2 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 49.428 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion:105 Resp: 589756
Ion Ratio Lower Upper
105 100
120 47.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.269 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

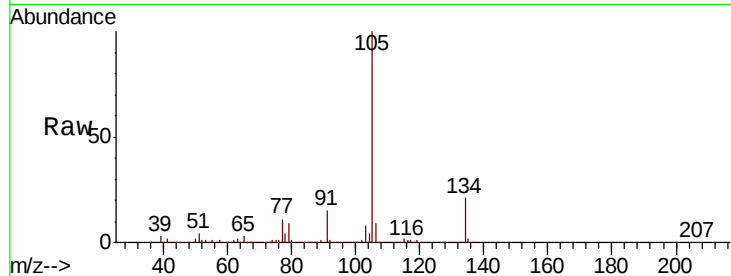
VSTDCCC050EC

Tot Ion:105 Resp: 686276

Ion Ratio Lower Upper

105 100

134 21.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

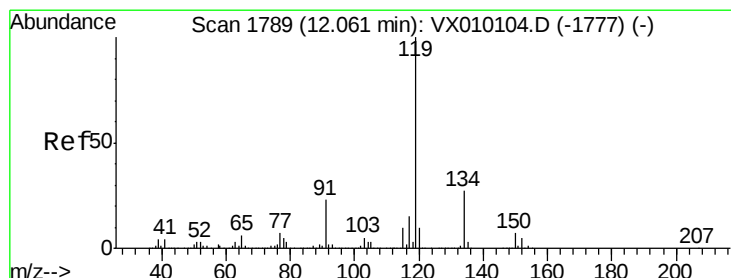
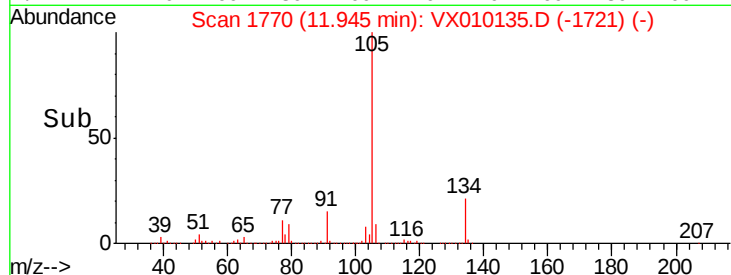
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 49.109 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

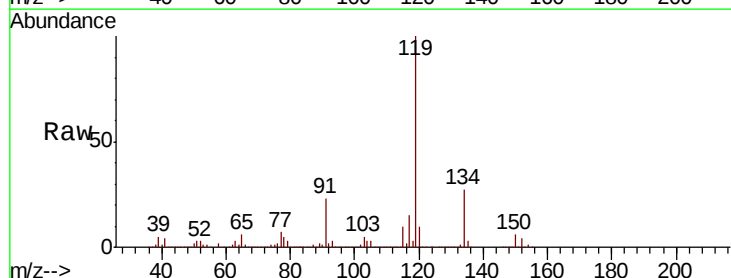
Tgt Ion:119 Resp: 625340

Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.6

91 22.6 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

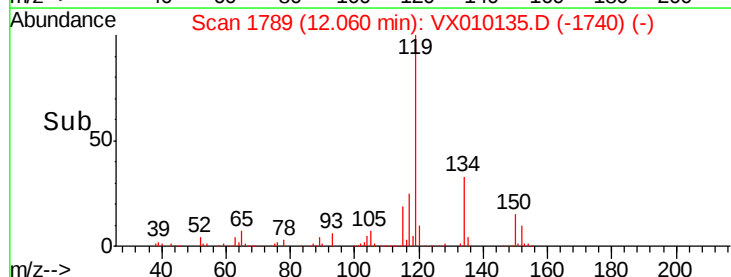
600000

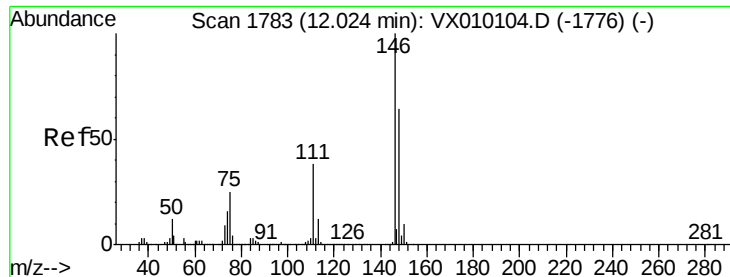
400000

200000

0

Time--> 12.00 12.10

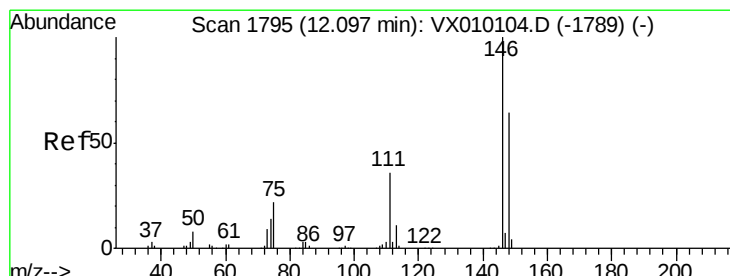
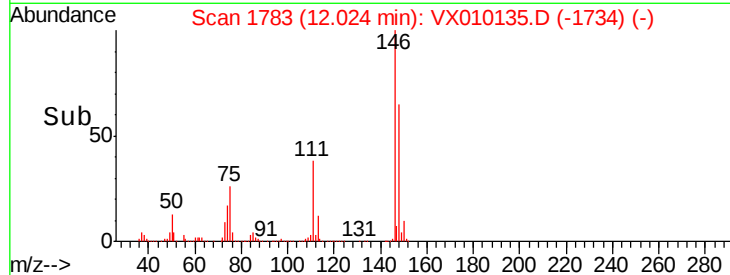
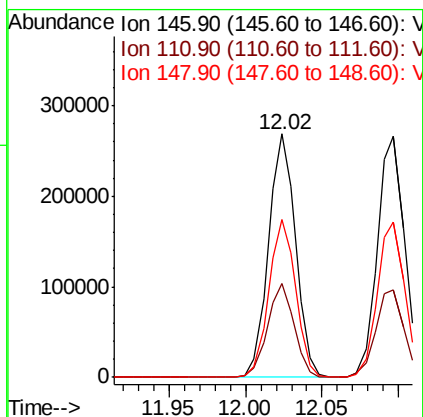
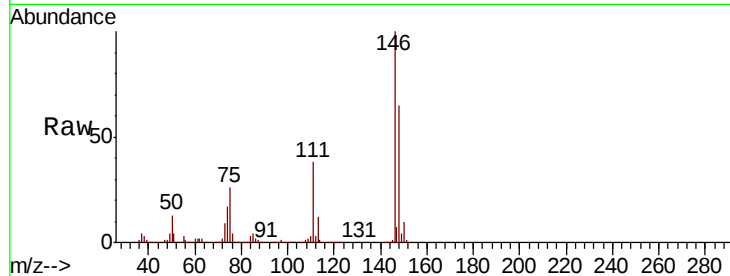




#87
 1,3-Dichlorobenzene
 Concen: 48.886 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

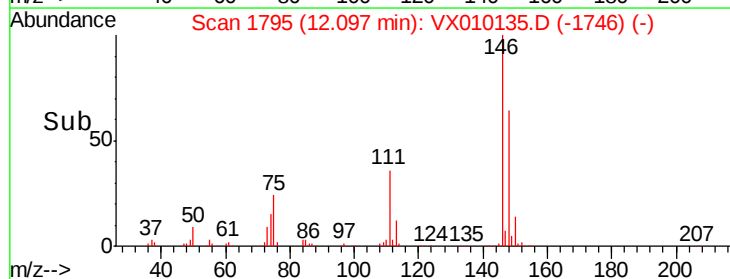
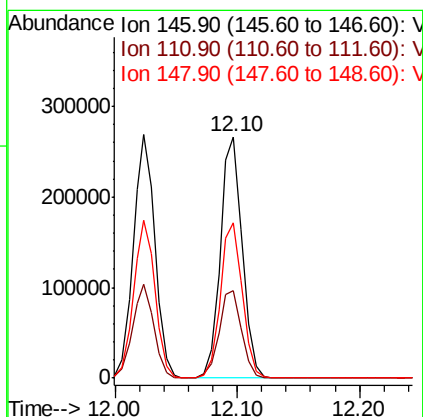
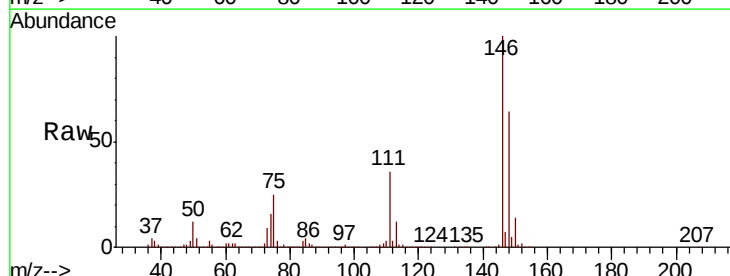
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

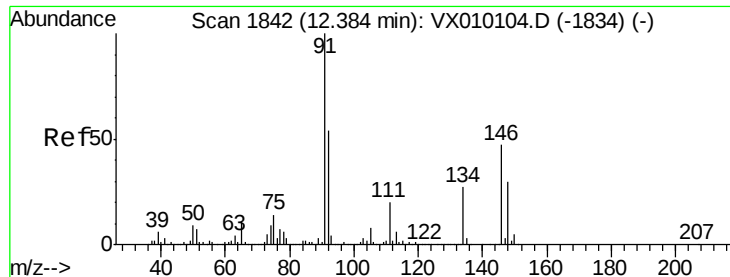
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.1	60.2
148	64.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.097 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	20.0	59.9
148	64.8	32.3	96.9

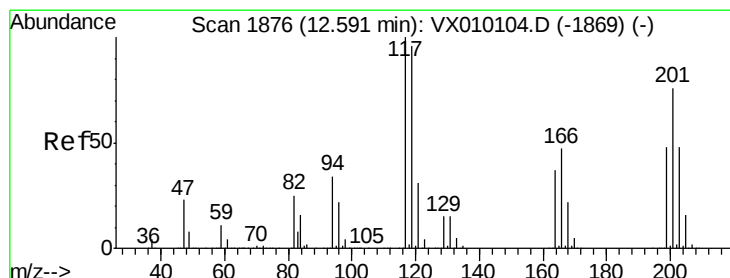
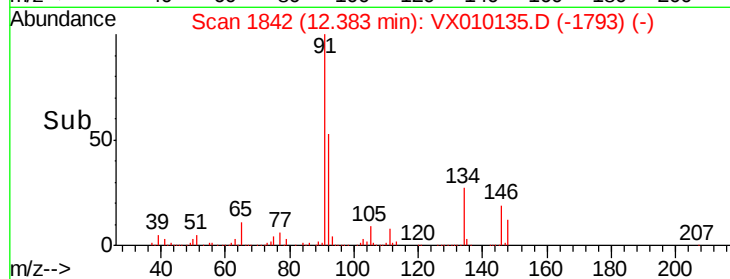
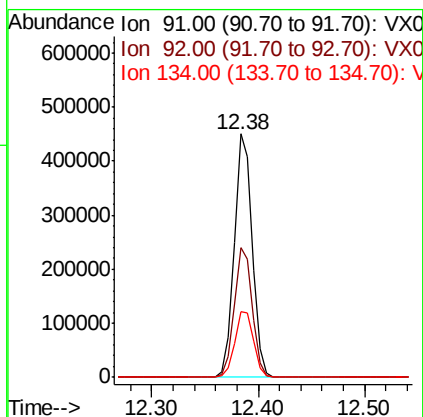
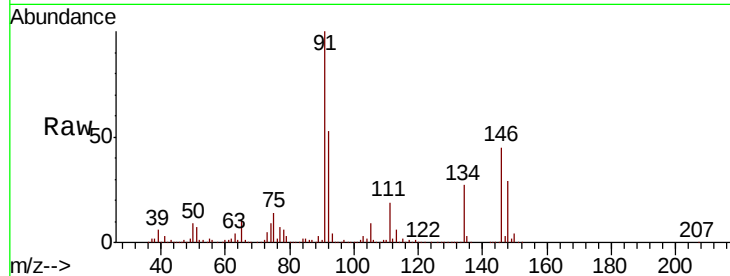




#89
n-Butylbenzene
Concen: 48.605 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

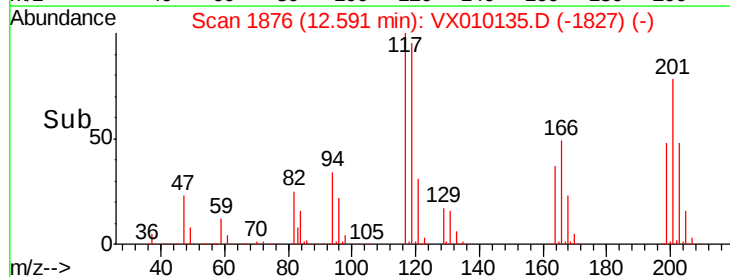
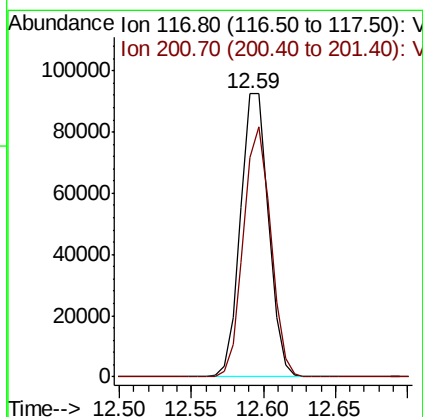
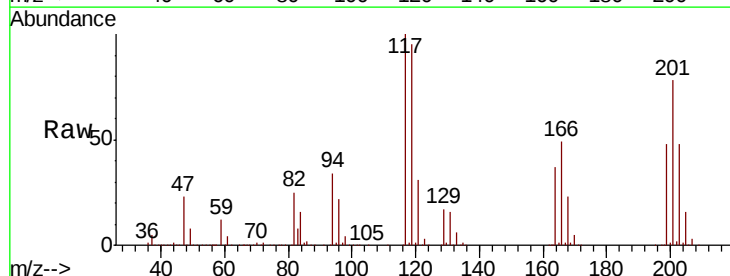
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

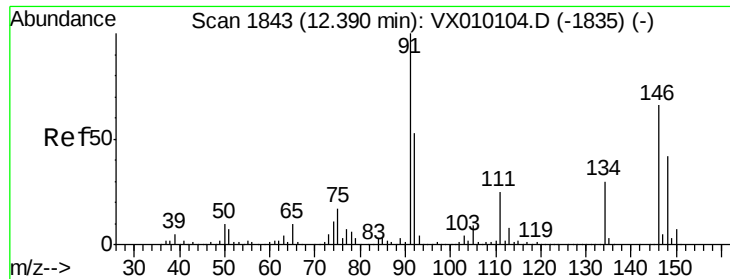
Tot Ion: 91 Resp: 532761
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.8
134 28.2 12.3 36.8



#90
Hexachloroethane
Concen: 49.358 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010135.D
Acq: 08 Jun 2019 01:37

Tgt Ion: 117 Resp: 125203
Ion Ratio Lower Upper
117 100
201 85.6 43.6 130.9

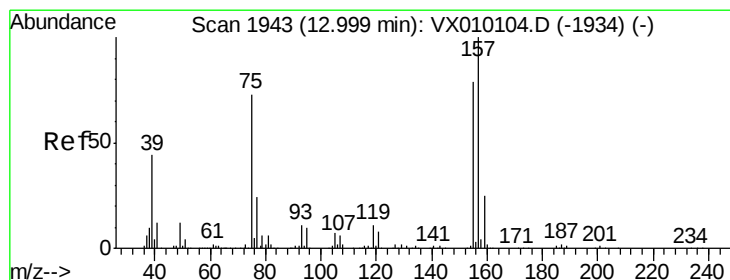
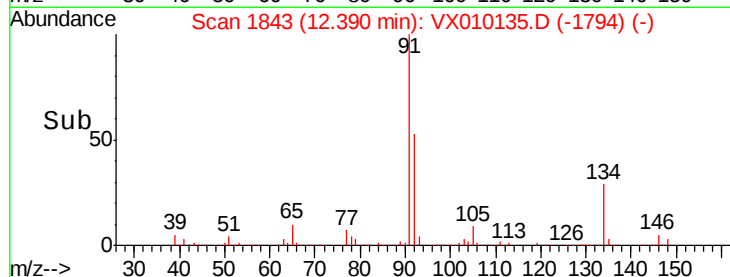
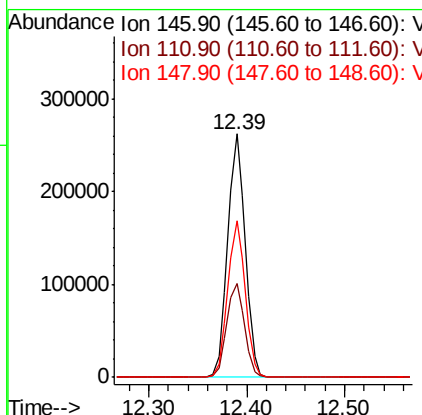
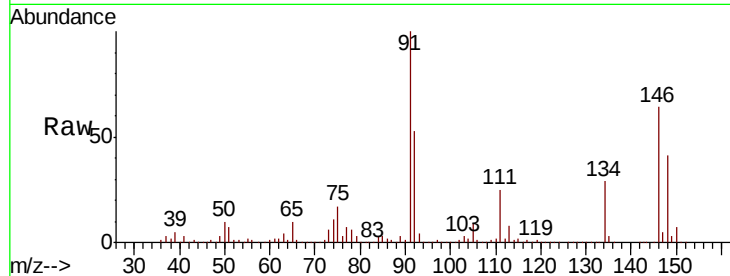




#91
 1,2-Dichlorobenzene
 Concen: 49.513 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

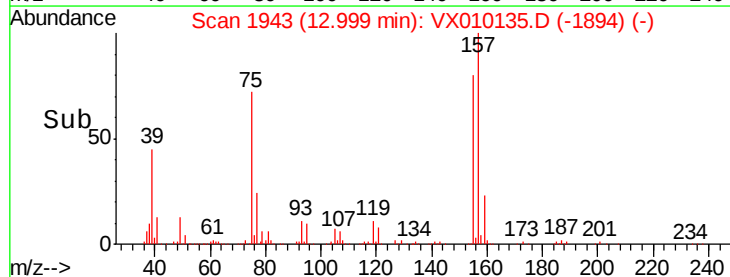
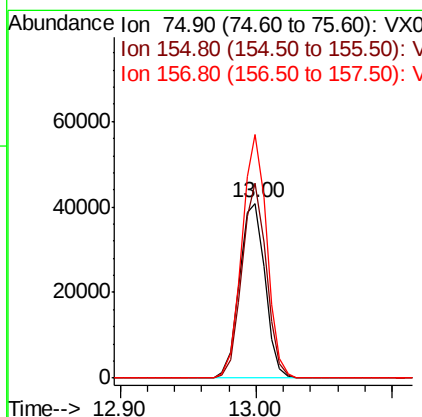
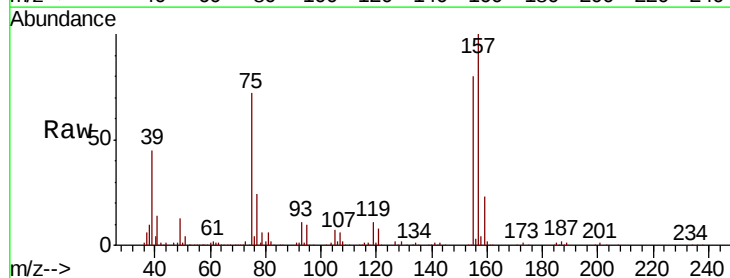
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 326998
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.1 63.1
 148 64.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.337 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion: 75 Resp: 53477
 Ion Ratio Lower Upper
 75 100
 155 106.6 39.3 117.8
 157 135.1 50.6 151.8

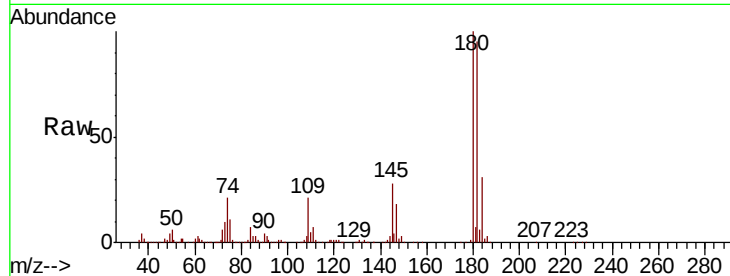




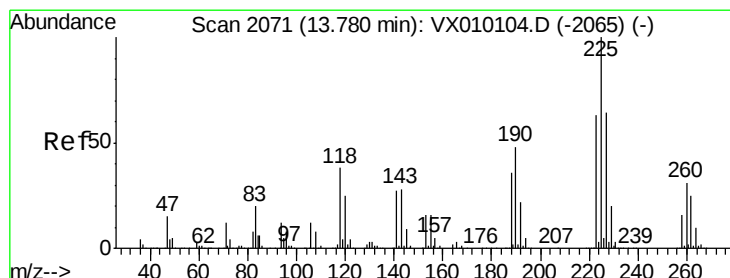
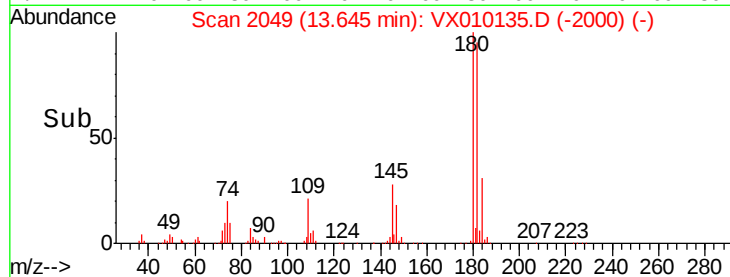
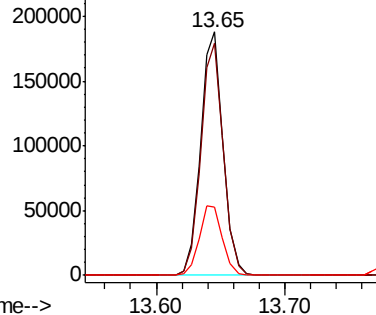
#93
 1,2,4-Trichlorobenzene
 Concen: 47.339 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 228851
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.4 142.2
 145 29.4 14.5 43.5

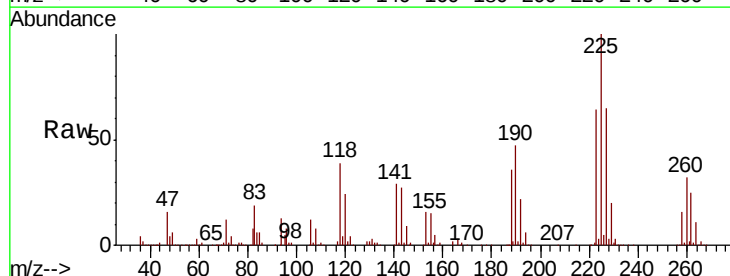


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

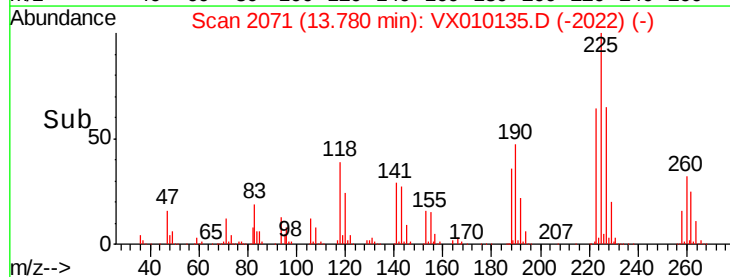
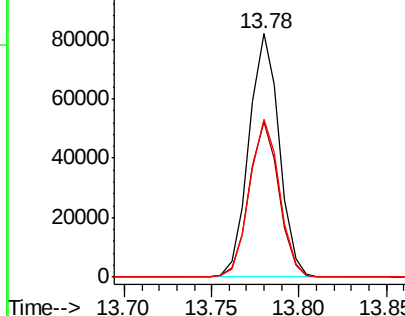


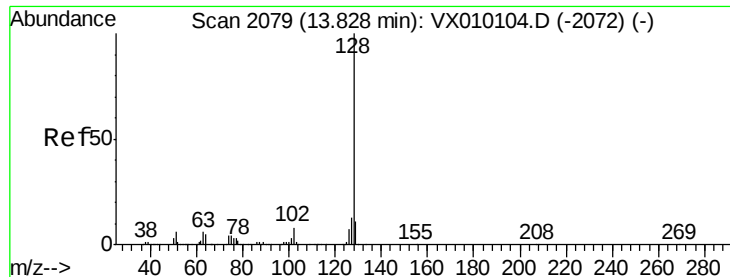
#94
 Hexachlorobutadiene
 Concen: 45.658 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010135.D
 Acq: 08 Jun 2019 01:37

Tgt Ion:225 Resp: 98164
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 64.3 32.3 96.8



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: 49.035 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

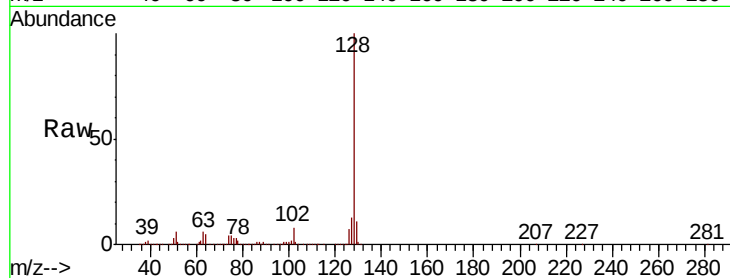
Tot Ion:128 Resp: 746204

Ion Ratio Lower Upper

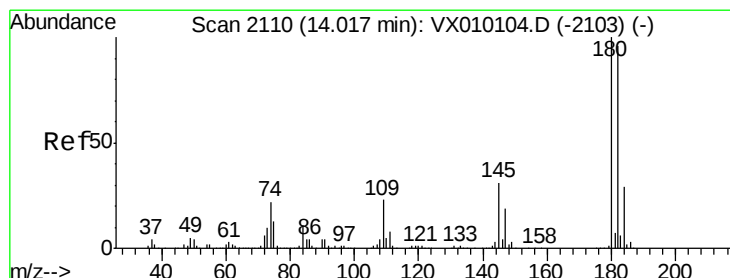
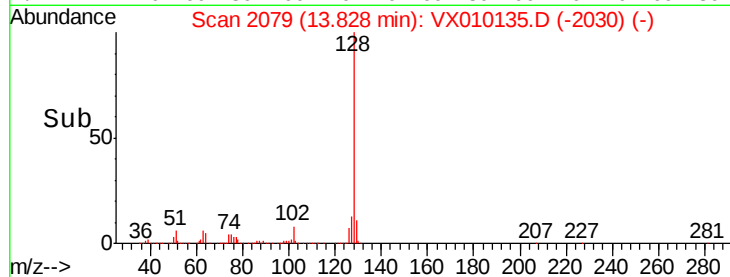
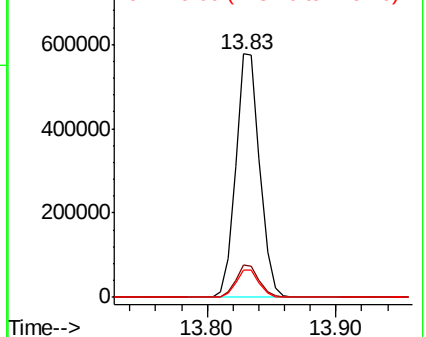
128 100

127 12.9 10.6 16.0

129 11.0 8.8 13.2



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: 48.272 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010135.D

Acq: 08 Jun 2019 01:37

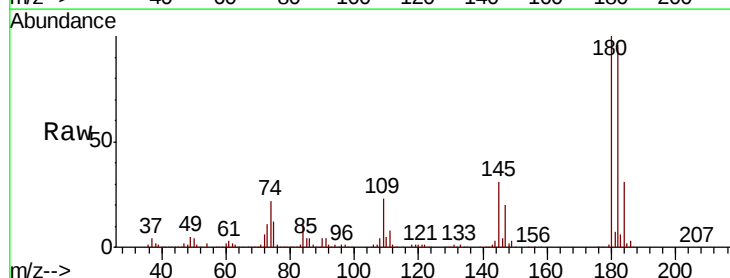
Tgt Ion:180 Resp: 230737

Ion Ratio Lower Upper

180 100

182 95.1 47.3 142.0

145 31.0 15.6 46.7



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

