

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010165.D
 Acq On : 10 Jun 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 02:33:54 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	5.66	168	298905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	437425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209959	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	130524	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
35) Dibromofluoromethane	5.49	113	130784	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
50) Toluene-d8	8.71	98	497056	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	187770	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	142786	51.916	ug/l	98
3) Chloromethane	1.32	50	131818	48.260	ug/l	98
4) Vinyl Chloride	1.41	62	133645	52.060	ug/l	99
5) Bromomethane	1.64	94	51430	53.090	ug/l	99
6) Chloroethane	1.71	64	72824	56.265	ug/l	99
7) Trichlorofluoromethane	1.92	101	206652	54.192	ug/l	99
8) Diethyl Ether	2.18	74	69383	52.790	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124134	47.225	ug/l	92
10) Methyl Iodide	2.51	142	196164	48.166	ug/l	97
11) Tert butyl alcohol	3.05	59	161746	226.299	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121384	45.211	ug/l #	80
13) Acrolein	2.29	56	37343	286.534	ug/l	92
14) Allyl chloride	2.73	41	182466	45.024	ug/l #	88
15) Acrylonitrile	3.14	53	332882	227.857	ug/l	98
16) Acetone	2.44	43	394130	287.206	ug/l	89
17) Carbon Disulfide	2.57	76	342497	44.150	ug/l	98
18) Methyl Acetate	2.77	43	133710	44.305	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	388973	45.096	ug/l	95
20) Methylene Chloride	2.85	84	138652	46.006	ug/l #	77
21) trans-1,2-Dichloroethene	3.16	96	131269	44.181	ug/l #	81
22) Diisopropyl ether	3.85	45	365334	47.150	ug/l #	83
23) Vinyl Acetate	3.81	43	1626822	235.347	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	213203	45.319	ug/l	96
25) 2-Butanone	4.67	43	524728	256.783	ug/l #	81
26) 2,2-Dichloropropane	4.58	77	194355	45.285	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	152588	46.164	ug/l	79
28) Bromochloromethane	5.01	49	97432	46.211	ug/l #	47
29) Tetrahydrofuran	5.12	42	290339	226.081	ug/l #	75
30) Chloroform	5.21	83	225965	46.249	ug/l	99
31) Cyclohexane	5.57	56	204155	48.083	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	206241	44.902	ug/l	93
36) 1,1-Dichloropropene	5.79	75	170820	47.866	ug/l	92
37) Ethyl Acetate	4.82	43	172739	46.521	ug/l #	92
38) Carbon Tetrachloride	5.78	117	189846	46.999	ug/l	99

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 VSTDCCC050

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236652	48.699	ug/l #	84
40) Benzene	6.14	78	531552	48.169	ug/l	98
41) Methacrylonitrile	5.04	41	93924	46.762	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	162430	46.106	ug/l	94
43) Isopropyl Acetate	6.44	43	290394	46.774	ug/l #	89
44) Trichloroethene	7.21	130	159534	47.961	ug/l	87
45) 1,2-Dichloropropane	7.51	63	132383	47.930	ug/l	98
46) Dibromomethane	7.66	93	95278	46.045	ug/l	90
47) Bromodichloromethane	7.90	83	187018	48.368	ug/l	99
48) Methyl methacrylate	7.77	41	138848	47.821	ug/l #	77
49) 1,4-Dioxane	7.74	88	79069	955.154	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	908947	245.074	ug/l	89
52) Toluene	8.78	92	347969	47.970	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	212573	47.530	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	226507	47.242	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	147082	49.509	ug/l	96
56) Ethyl methacrylate	9.18	69	227519	48.482	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	222068	47.480	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	520065	235.078	ug/l #	86
59) 2-Hexanone	9.49	43	768675	259.940	ug/l	88
60) Dibromochloromethane	9.58	129	172681	49.142	ug/l	99
61) 1,2-Dibromoethane	9.67	107	159140	48.097	ug/l	100
64) Tetrachloroethene	9.34	164	141118	47.983	ug/l	96
65) Chlorobenzene	10.13	112	400304	48.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	153214	48.749	ug/l	100
67) Ethyl Benzene	10.25	91	680485	48.911	ug/l	94
68) m/p-Xylenes	10.35	106	532675	98.940	ug/l	91
69) o-Xylene	10.69	106	262339	49.019	ug/l	88
70) Styrene	10.71	104	451263	49.786	ug/l	95
71) Bromoform	10.85	173	145263	50.276	ug/l #	98
73) Isopropylbenzene	11.02	105	692842	47.272	ug/l	95
74) N-amyl acetate	10.90	43	271722	46.900	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	227278	45.301	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	266149	63.375	ug/l	82
77) Bromobenzene	11.26	156	191394	47.487	ug/l	81
78) n-propylbenzene	11.36	91	788308	48.312	ug/l	94
79) 2-Chlorotoluene	11.42	91	459746	46.914	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	587155	47.563	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	87857	46.222	ug/l #	83
82) 4-Chlorotoluene	11.51	91	531893	47.779	ug/l	92
83) tert-Butylbenzene	11.77	119	595265	47.642	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	592537	47.520	ug/l	95
85) sec-Butylbenzene	11.94	105	699169	48.031	ug/l	96
86) p-Isopropyltoluene	12.06	119	646910	48.612	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	342349	48.223	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	337311	47.133	ug/l	98
89) n-Butylbenzene	12.38	91	567463	49.539	ug/l	97
90) Hexachloroethane	12.59	117	125955	47.514	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	325881	47.217	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50158	42.485	ug/l	66

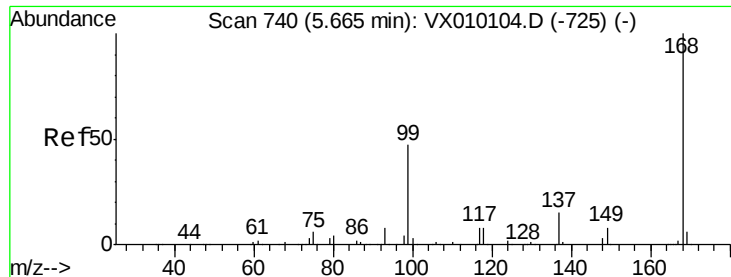
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
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Acq On : 10 Jun 2019 09:47
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QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	242500	48.000	ug/l	99
94) Hexachlorobutadiene	13.78	225	113294	50.424	ug/l	100
95) Naphthalene	13.83	128	732524	46.060	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	239698	47.985	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

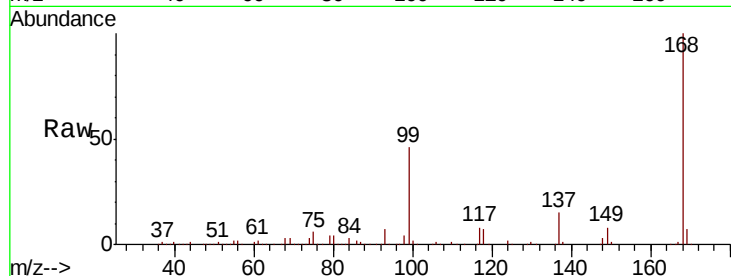
VSTDCCC050

Tot Ion:168 Resp: 298905

Ion Ratio Lower Upper

168 100

99 45.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

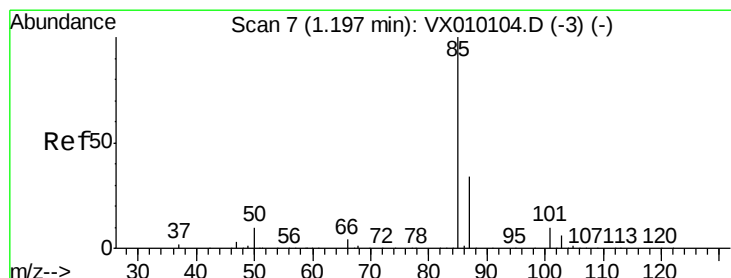
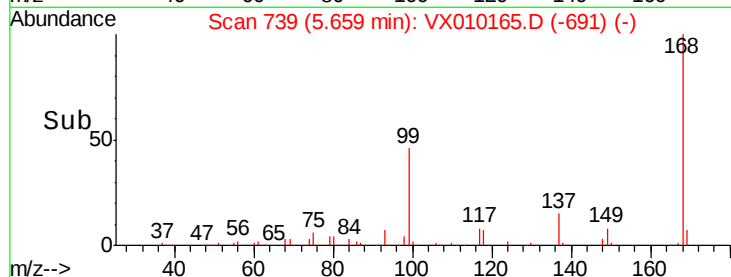
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.916 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010165.D

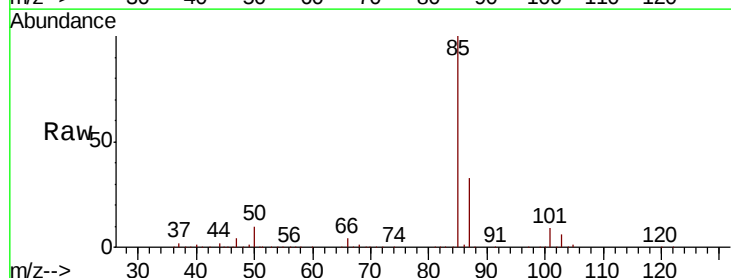
Acq: 10 Jun 2019 09:47

Tgt Ion: 85 Resp: 142786

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

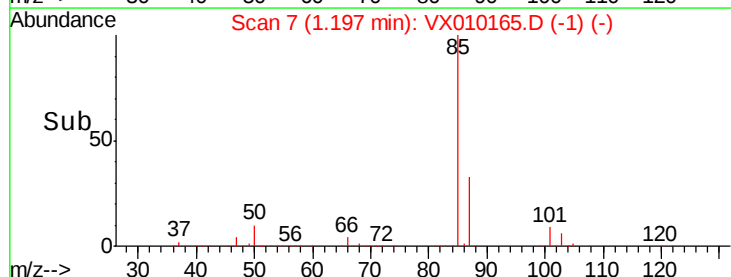
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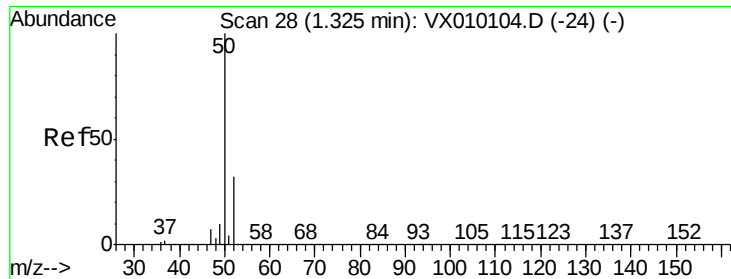
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.260 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

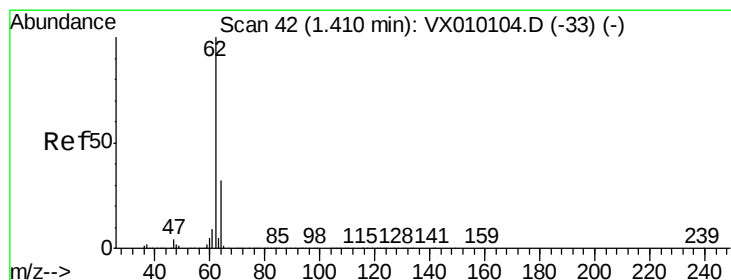
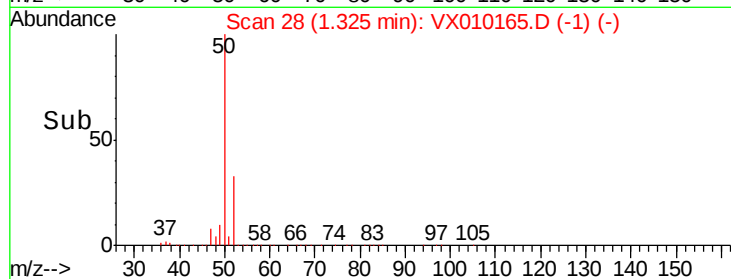
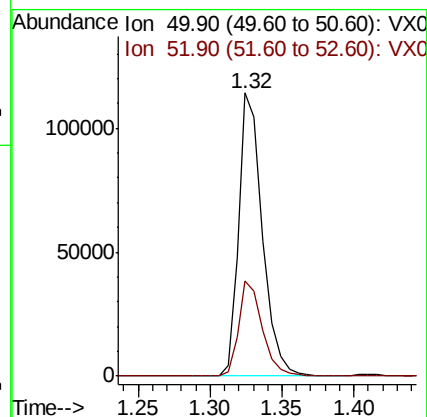
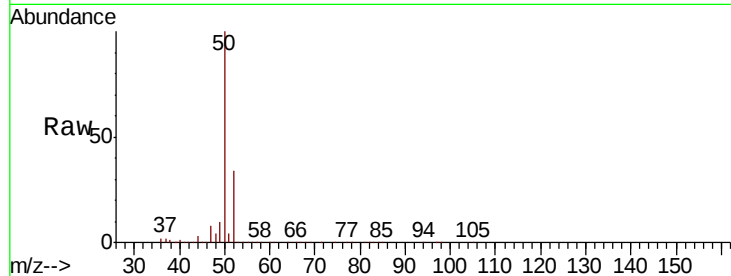
VSTDCCC050

Tot Ion: 50 Resp: 131818

Ion Ratio Lower Upper

50 100

52 33.6 26.0 39.0



#4

Vinyl Chloride

Concen: 52.060 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010165.D

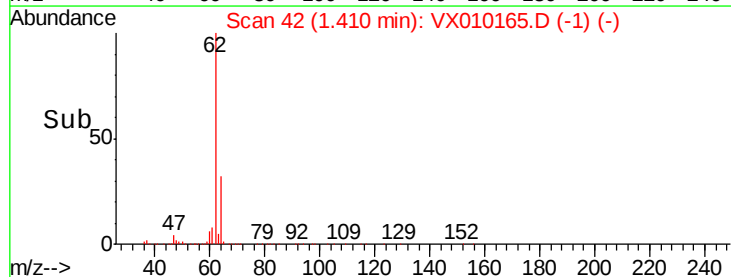
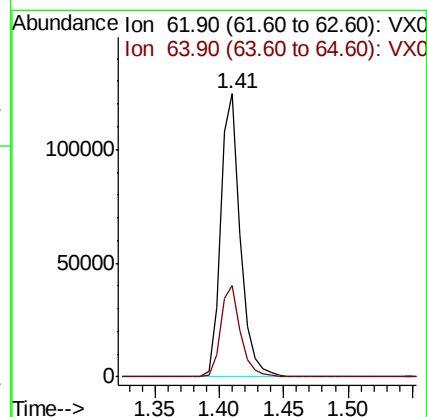
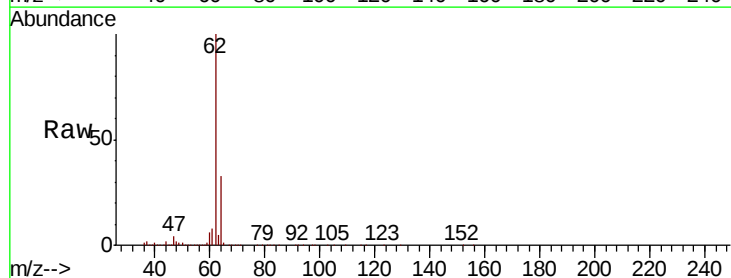
Acq: 10 Jun 2019 09:47

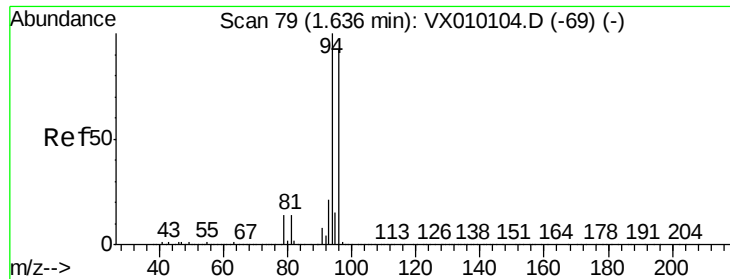
Tgt Ion: 62 Resp: 133645

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 53.090 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

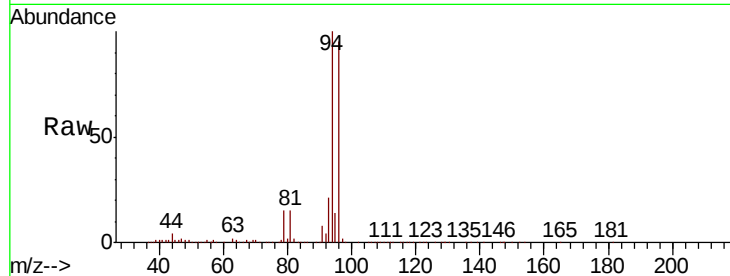
VSTDCCC050

Tot Ion: 94 Resp: 51430

Ion Ratio Lower Upper

94 100

96 94.5 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

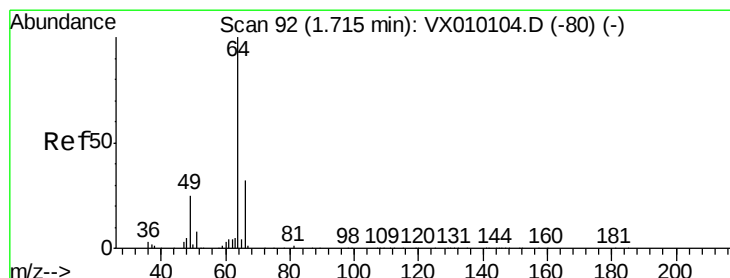
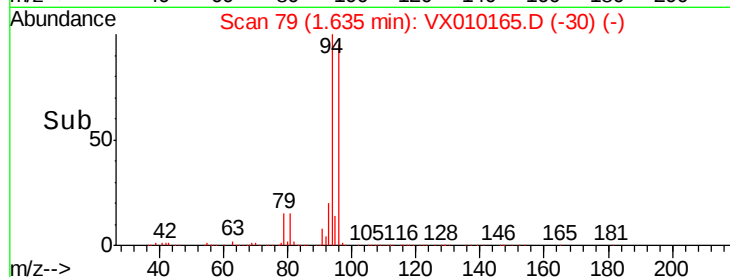
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 56.265 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010165.D

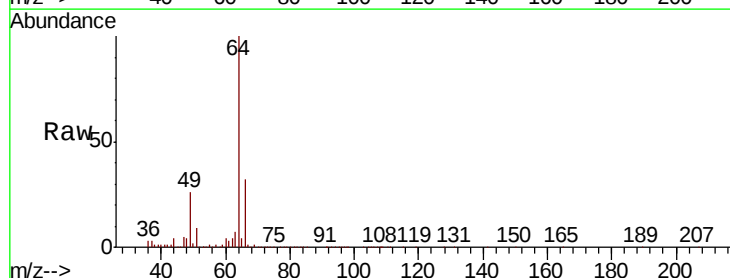
Acq: 10 Jun 2019 09:47

Tgt Ion: 64 Resp: 72824

Ion Ratio Lower Upper

64 100

66 31.8 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

30000

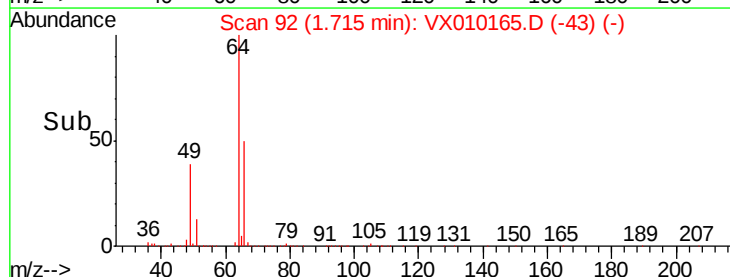
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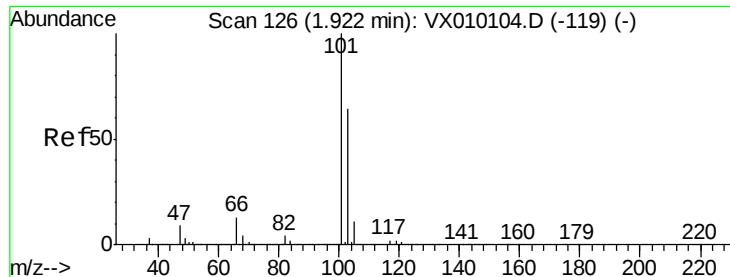
10000

0

Time-->

1.60 1.70 1.80



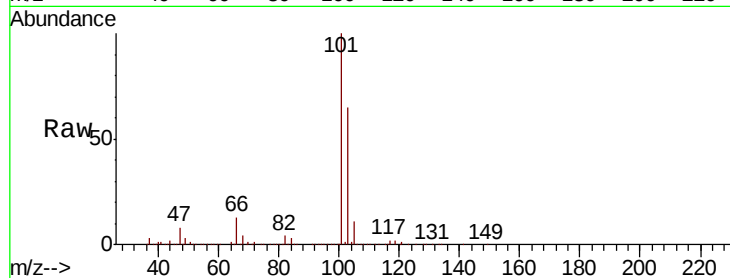


#7

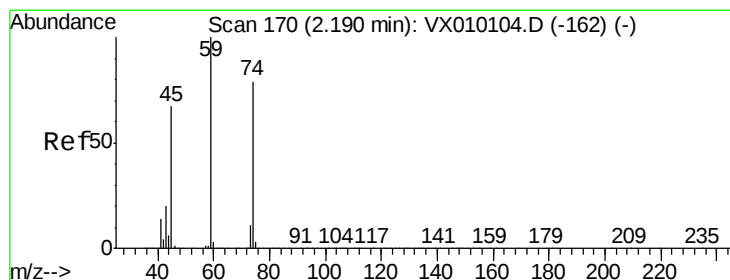
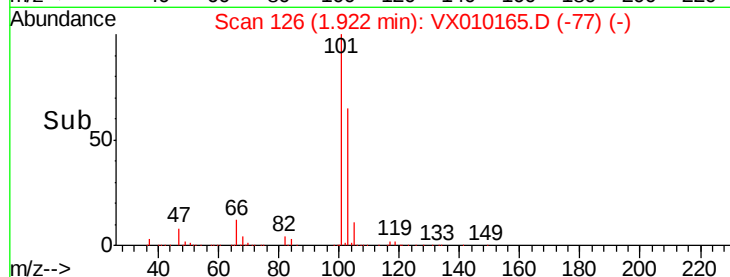
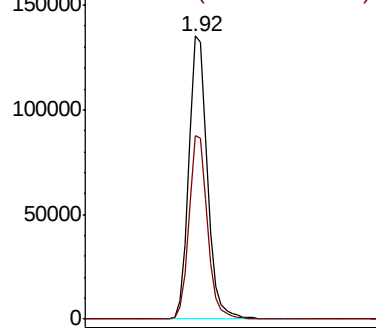
Trichlorofluoromethane
Concen: 54.192 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 206652
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4



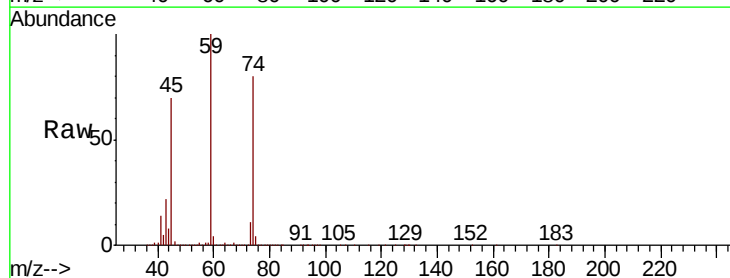
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



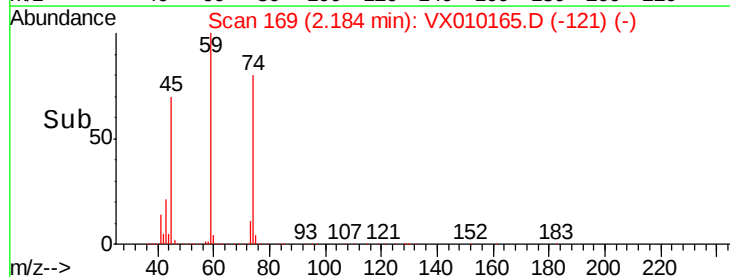
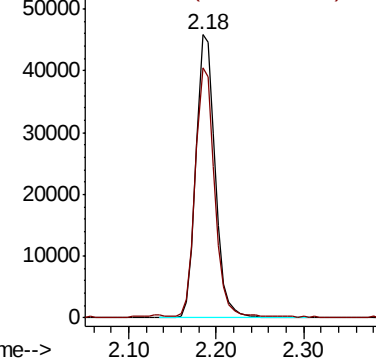
#8

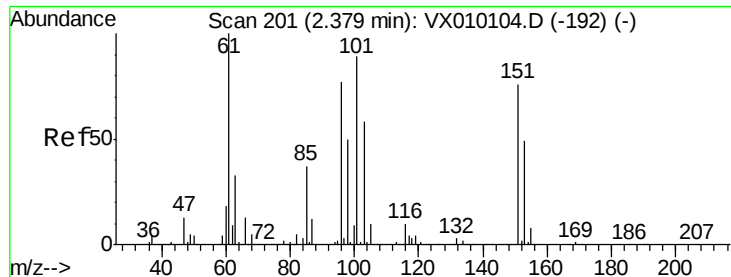
Diethyl Ether
Concen: 52.790 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion: 74 Resp: 69383
Ion Ratio Lower Upper
74 100
45 87.3 56.1 168.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.225 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

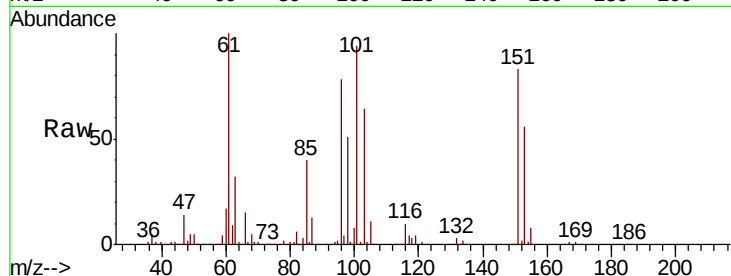
Tot Ion:101 Resp: 124134

Ion Ratio Lower Upper

101 100

85 41.7 35.2 52.8

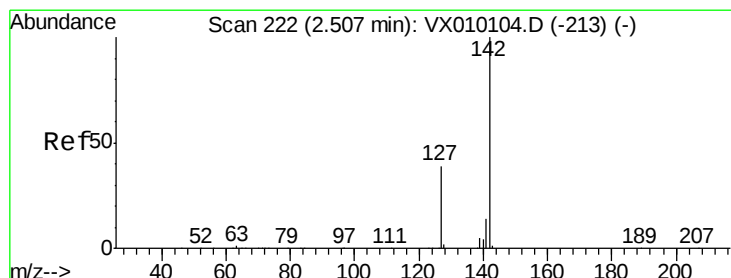
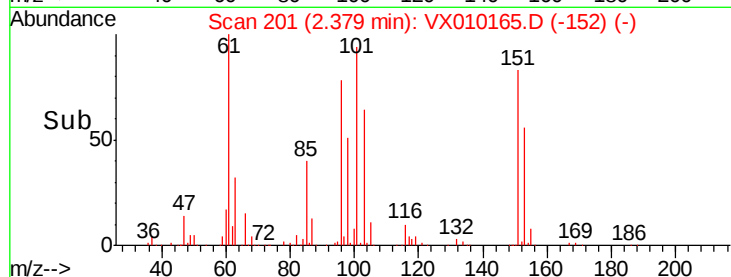
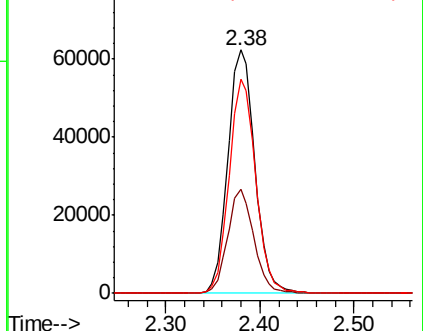
151 86.7 61.9 92.9



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: 48.166 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

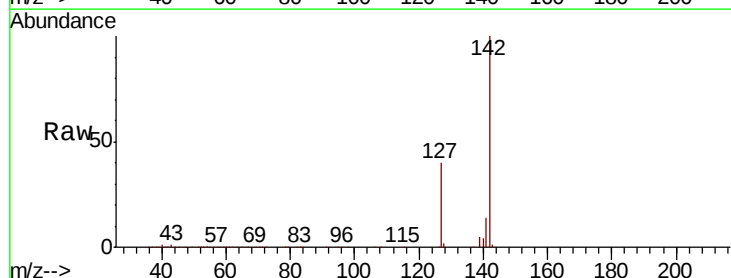
Tgt Ion:142 Resp: 196164

Ion Ratio Lower Upper

142 100

127 38.7 33.0 49.4

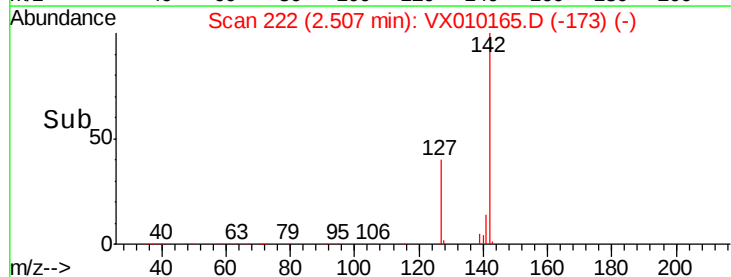
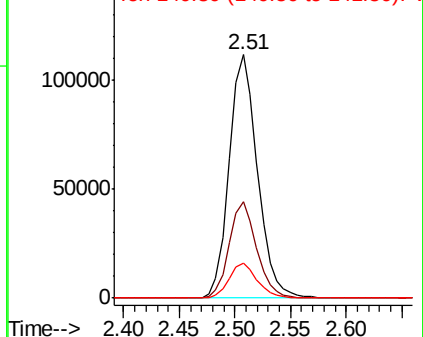
141 14.2 11.4 17.0

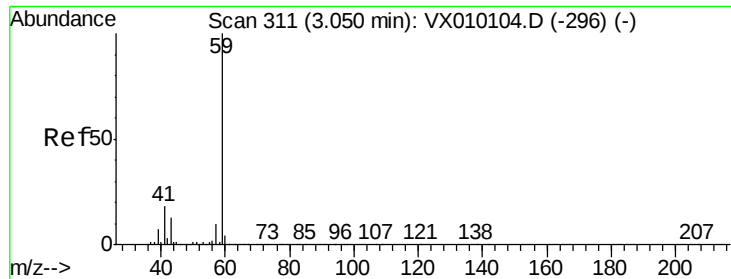


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

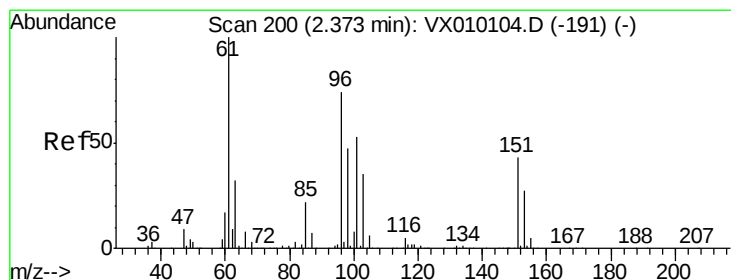
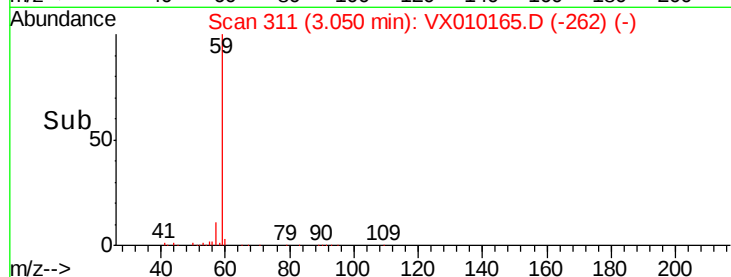
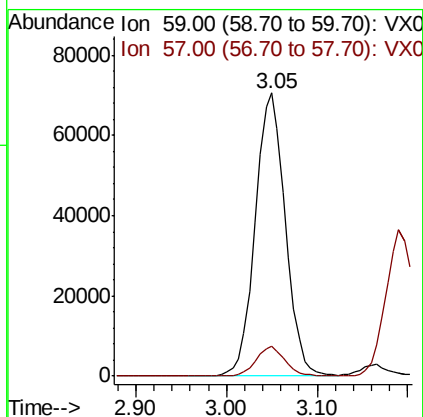
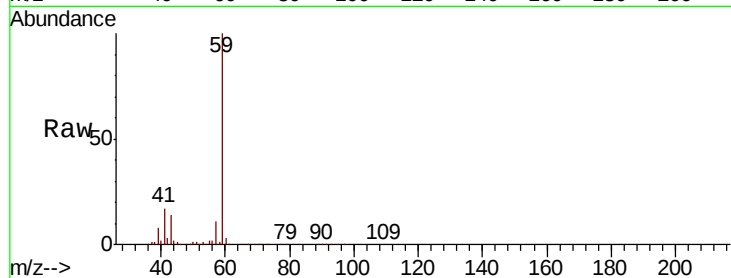




#11
Tert butyl alcohol
Concen: 226.299 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

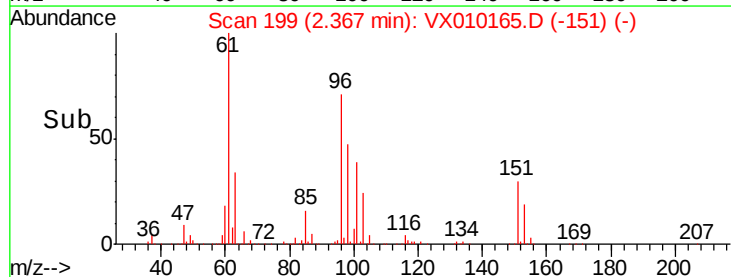
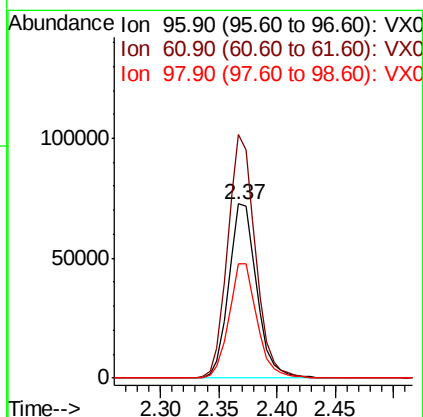
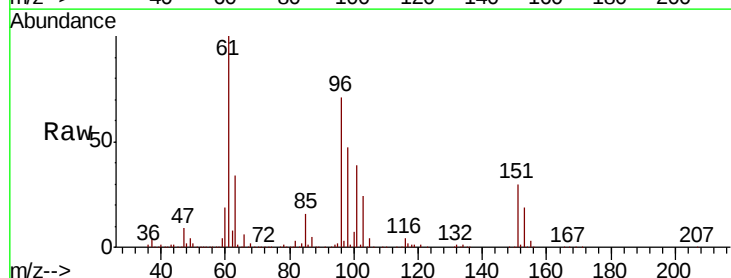
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

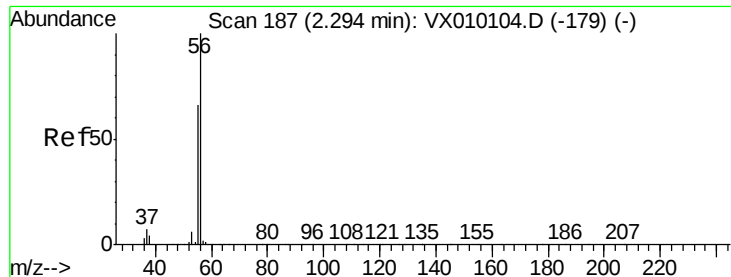
Tot Ion: 59 Resp: 161746
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.211 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion: 96 Resp: 121384
Ion Ratio Lower Upper
96 100
61 139.9 140.7 211.1#
98 65.8 50.1 75.1





#13

Acrolein

Concen: 286.534 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

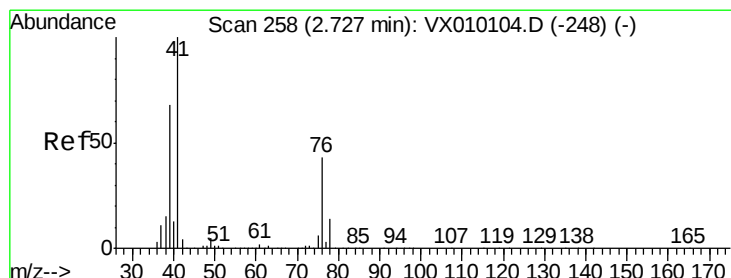
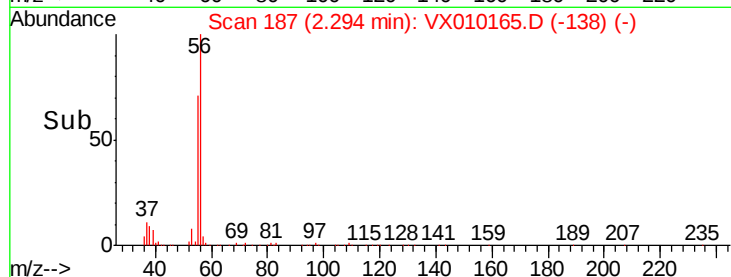
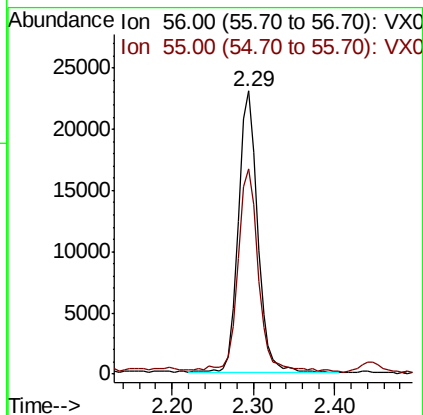
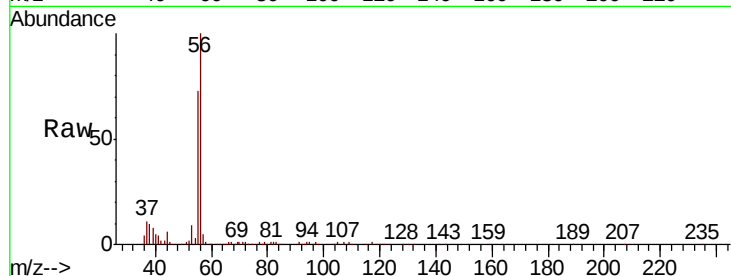
VSTDCCC050

Tot Ion: 56 Resp: 37343

Ion Ratio Lower Upper

56 100

55 77.5 57.0 85.4



#14

Allyl chloride

Concen: 45.024 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

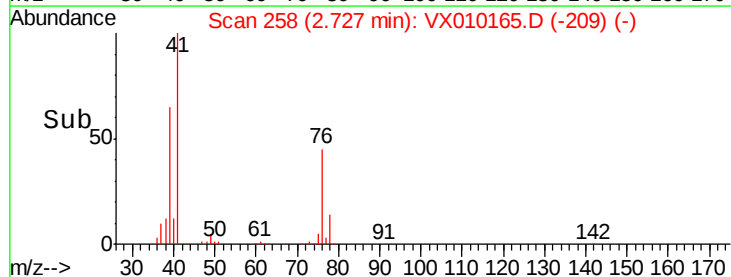
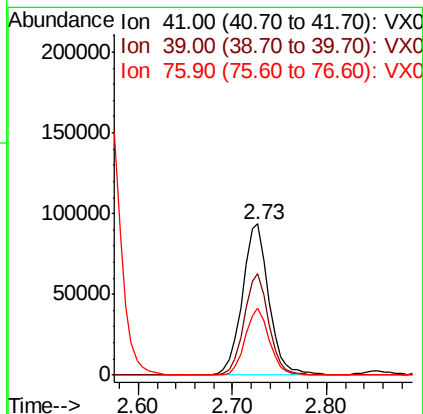
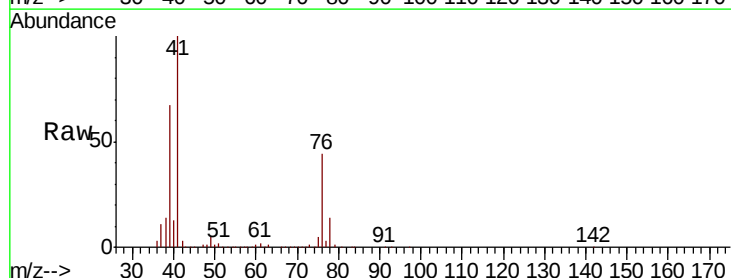
Tgt Ion: 41 Resp: 182466

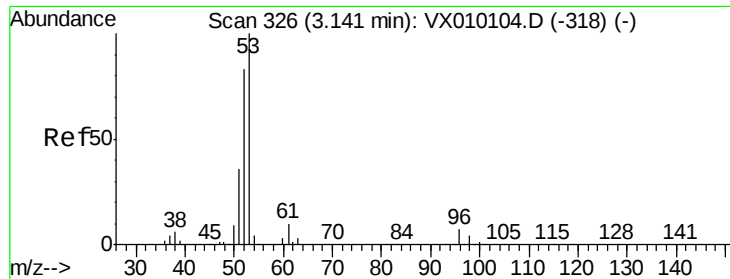
Ion Ratio Lower Upper

41 100

39 62.5 46.7 70.1

76 40.6 21.0 31.4#





#15

Acrylonitrile

Concen: 227.857 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

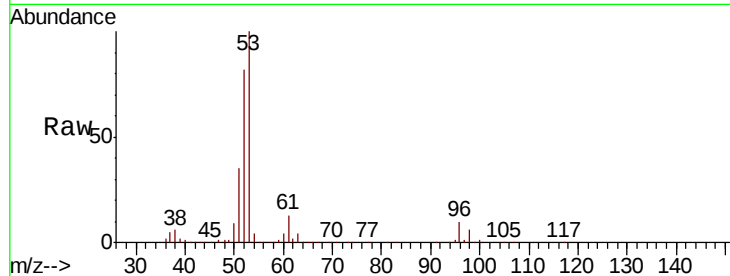
Tot Ion: 53 Resp: 332882

Ion Ratio Lower Upper

53 100

52 81.9 66.7 100.1

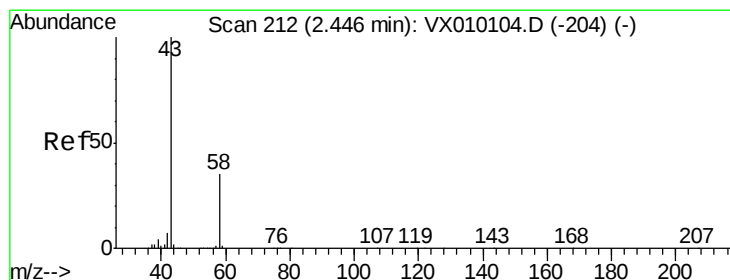
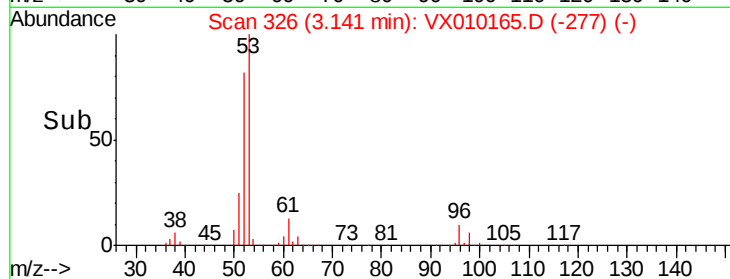
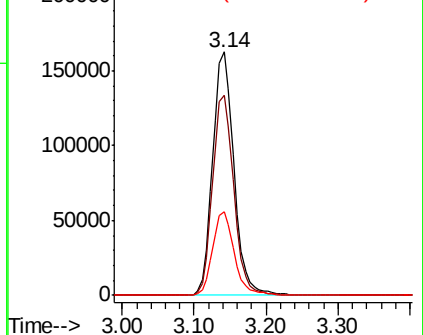
51 34.6 28.8 43.2



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: 287.206 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010165.D

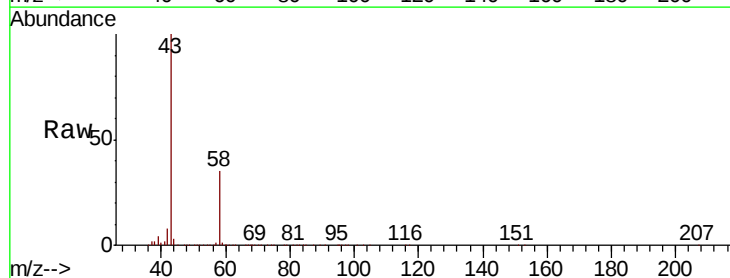
Acq: 10 Jun 2019 09:47

Tgt Ion: 43 Resp: 394130

Ion Ratio Lower Upper

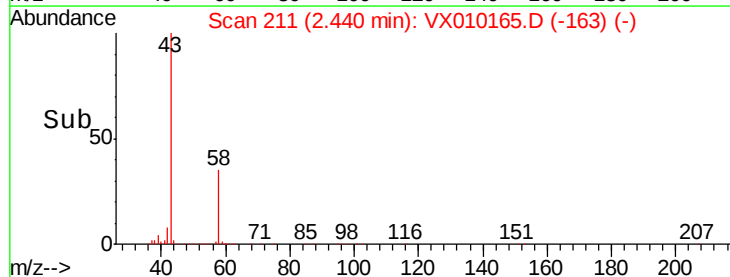
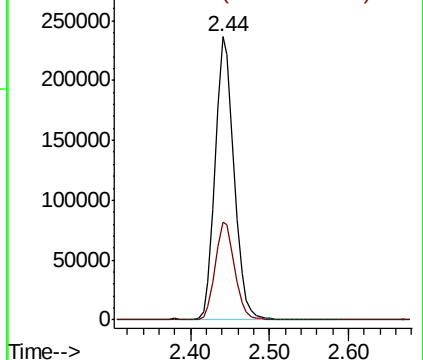
43 100

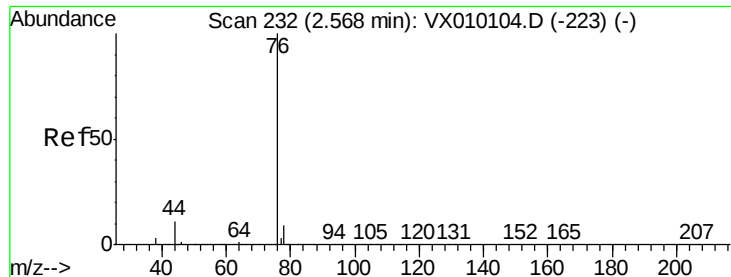
58 34.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

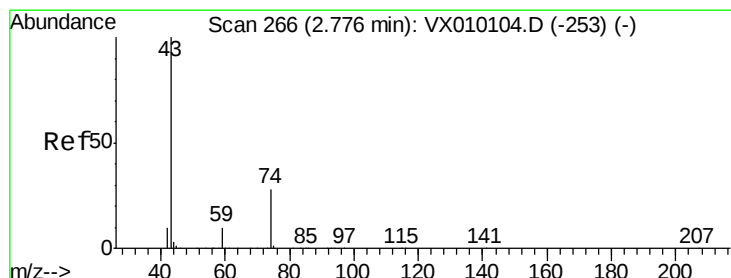
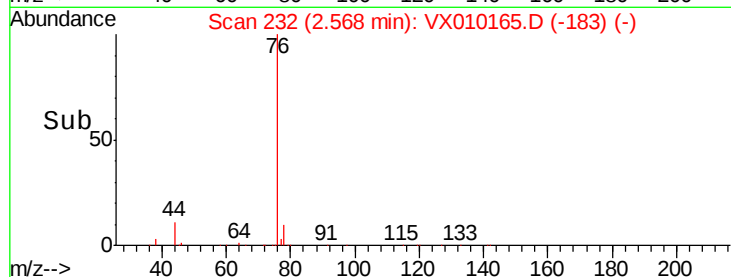
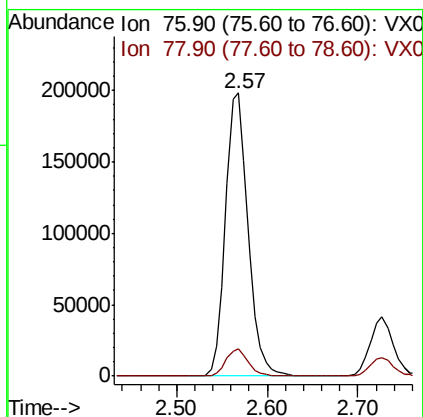
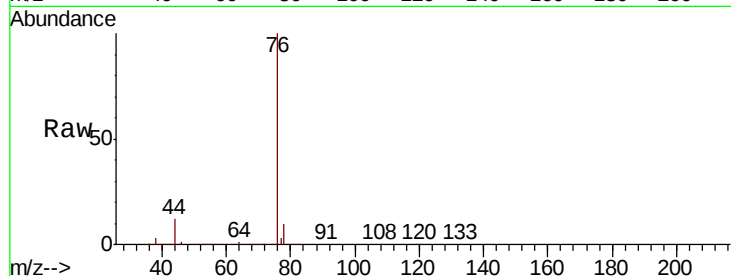




#17
Carbon Disulfide
Concen: 44.150 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

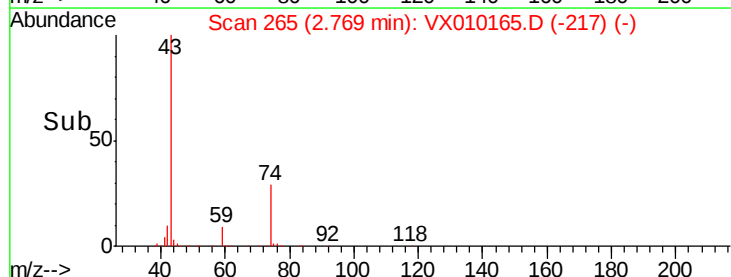
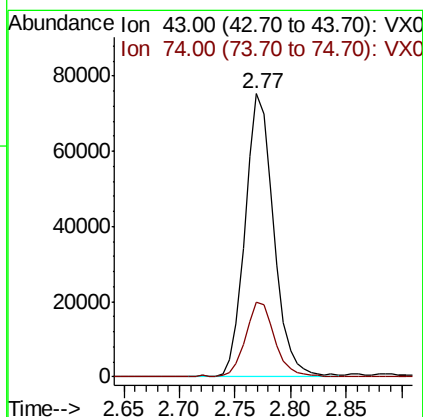
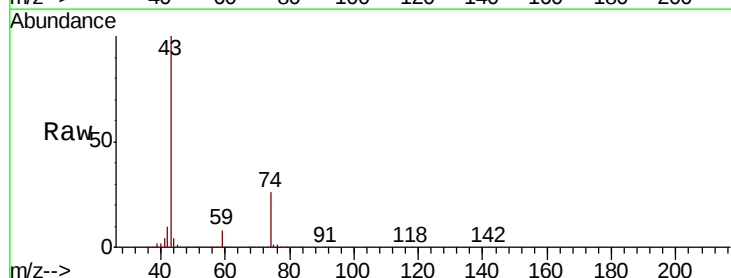
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 342497
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 44.305 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion: 43 Resp: 133710
Ion Ratio Lower Upper
43 100
74 27.5 15.8 23.6#

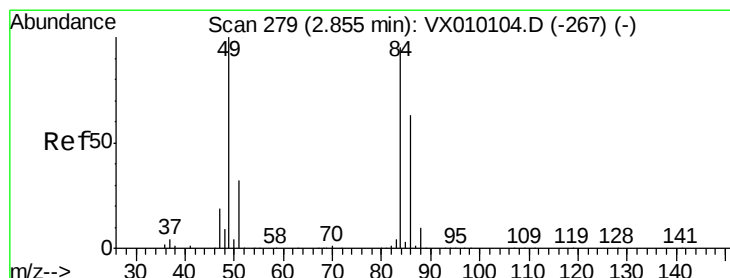
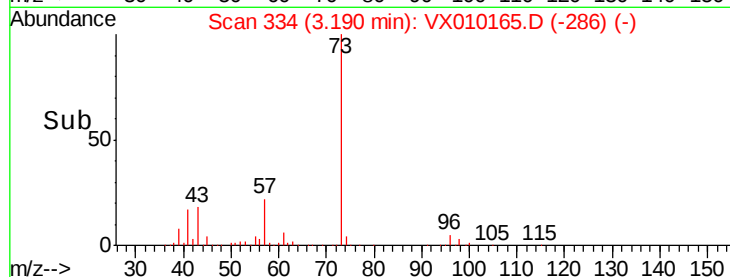
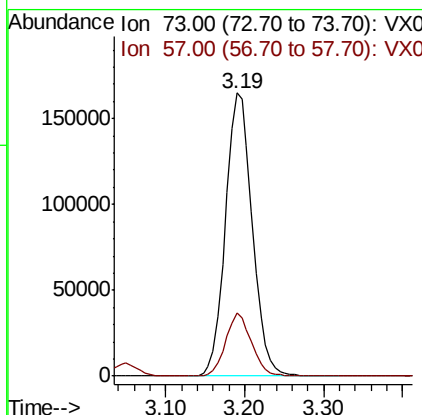
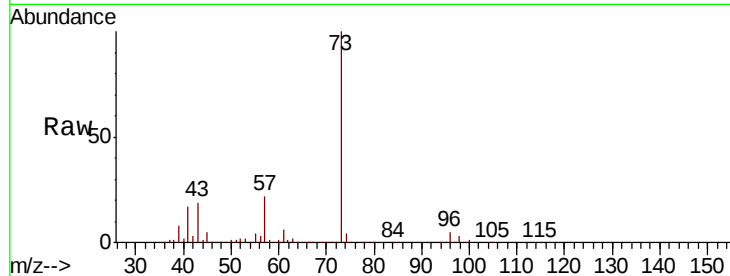




#19
Methvl tert-butvl Ether
Concen: 45.096 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

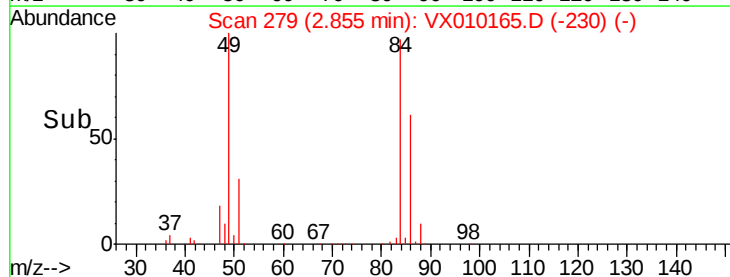
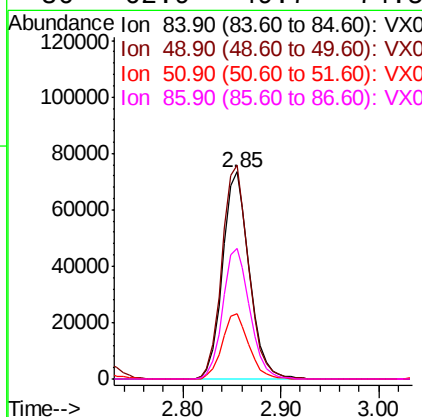
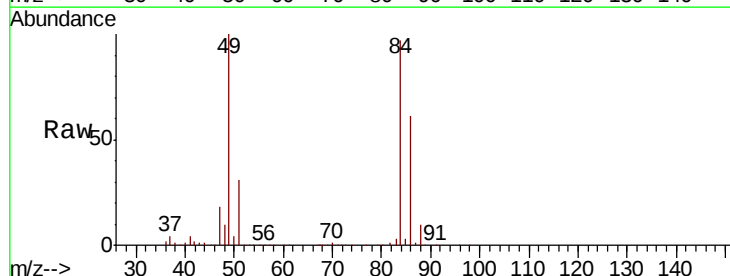
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

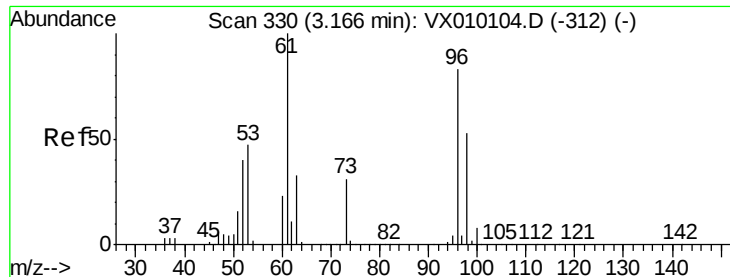
Tot Ion: 73 Resp: 388973
Ion Ratio Lower Upper
73 100
57 22.1 19.4 29.2



#20
Methylene Chloride
Concen: 46.006 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion: 84 Resp: 138652
Ion Ratio Lower Upper
84 100
49 103.2 115.8 173.6#
51 31.6 34.4 51.6#
86 62.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 44.181 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

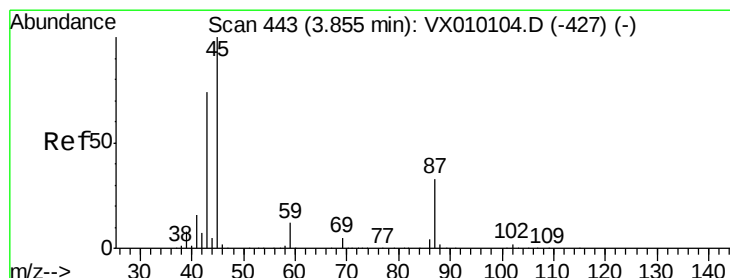
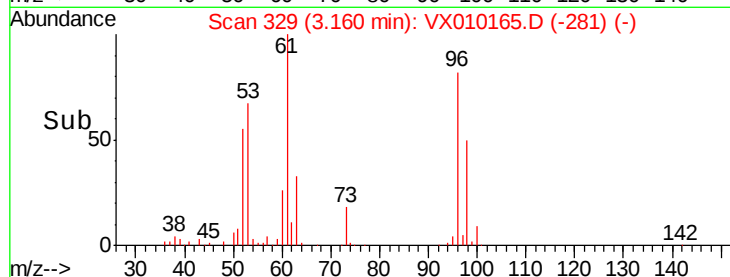
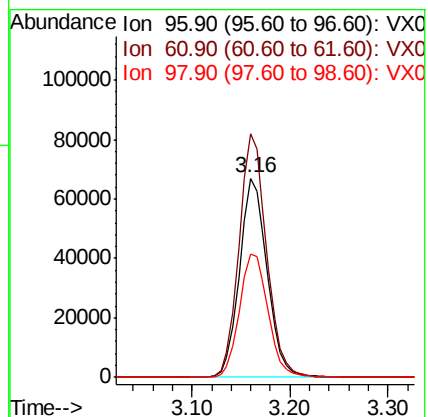
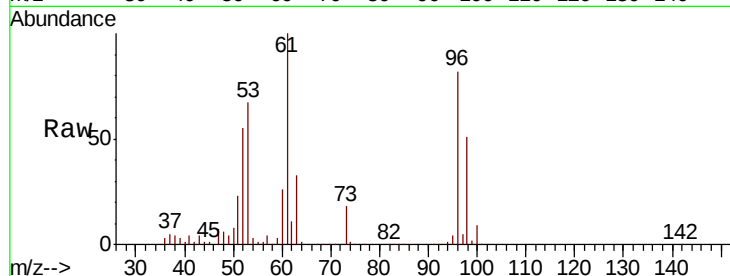
Tot Ion: 96 Resp: 131269

Ion Ratio Lower Upper

96 100

61 122.3 125.7 188.5#

98 61.8 49.0 73.6



#22

Diisopropyl ether

Concen: 47.150 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Tgt Ion: 45 Resp: 365334

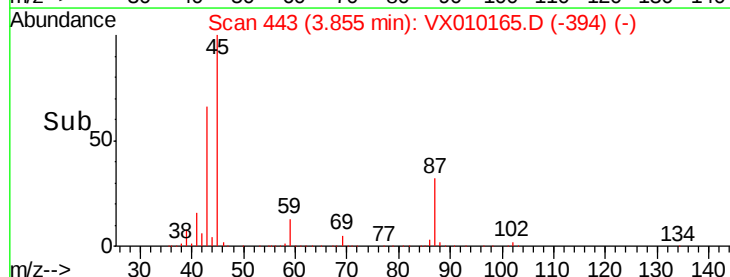
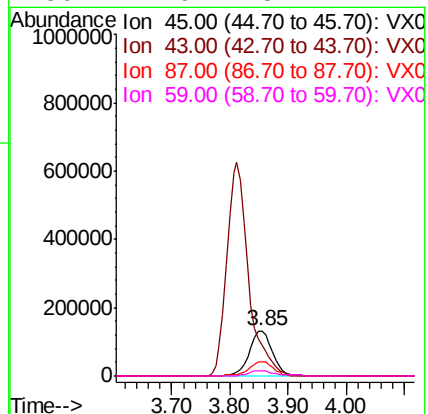
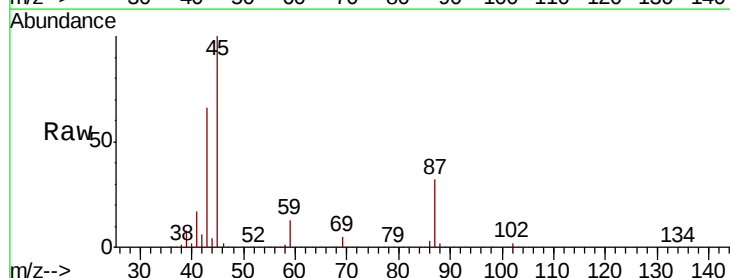
Ion Ratio Lower Upper

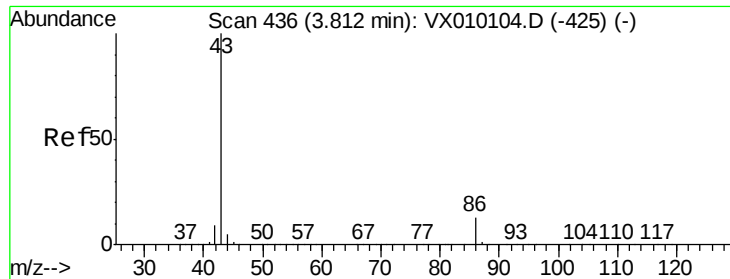
45 100

43 66.3 65.0 97.4

87 32.4 17.3 25.9#

59 12.6 8.1 12.1#





#23

Vinyl Acetate

Concen: 235.347 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

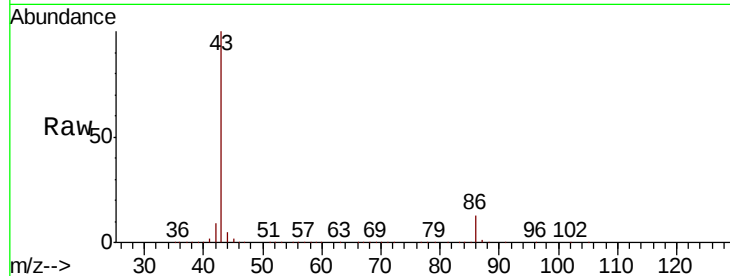
VSTDCCC050

Tot Ion: 43 Resp: 1626822

Ion Ratio Lower Upper

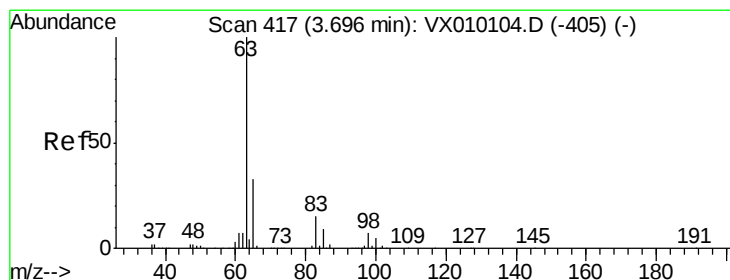
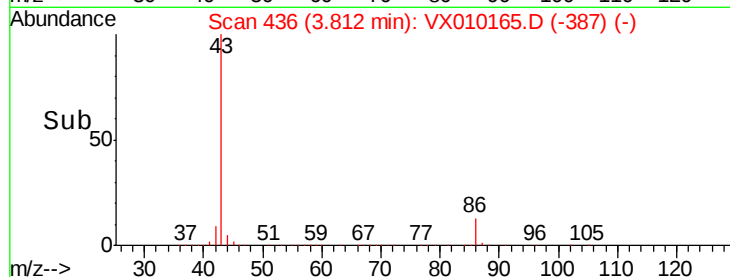
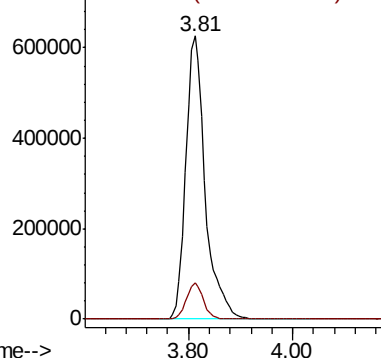
43 100

86 12.8 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: 45.319 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

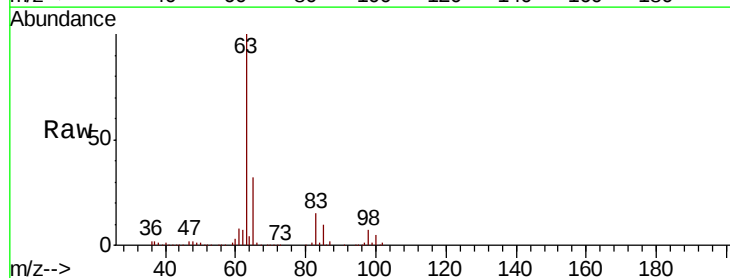
Tgt Ion: 63 Resp: 213203

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.8

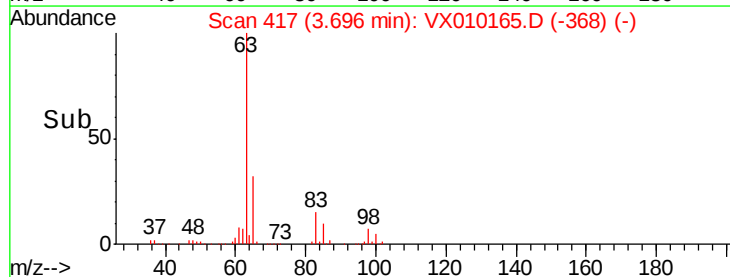
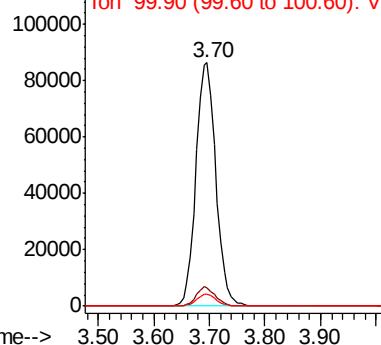
100 4.9 1.8 5.4



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: 256.783 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

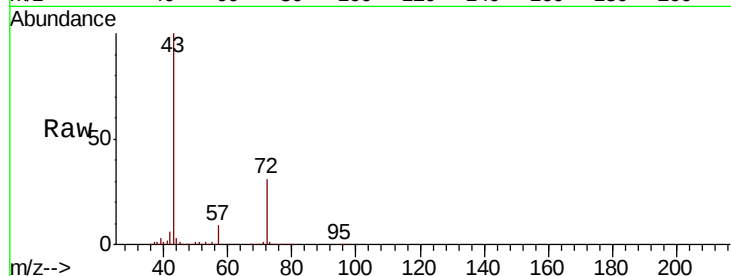
VSTDCCC050

Tot Ion: 43 Resp: 524728

Ion Ratio Lower Upper

43 100

72 30.7 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

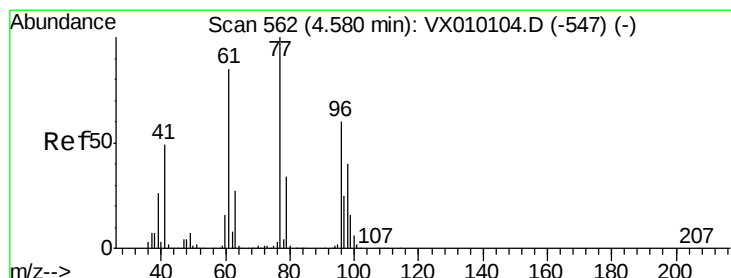
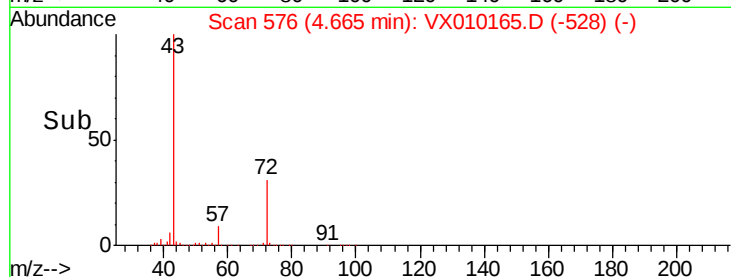
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.285 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010165.D

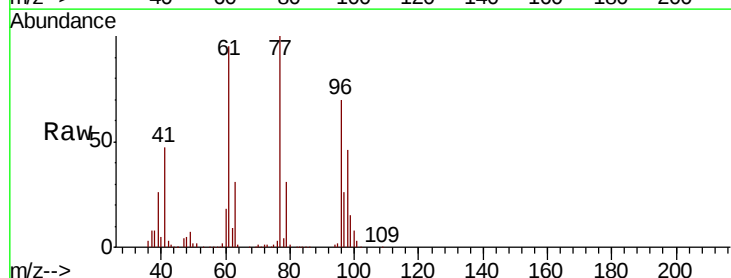
Acq: 10 Jun 2019 09:47

Tgt Ion: 77 Resp: 194355

Ion Ratio Lower Upper

77 100

97 26.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

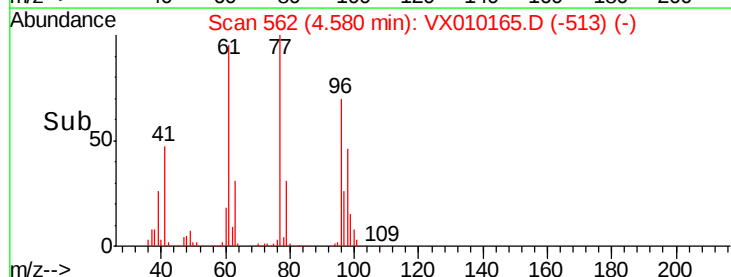
60000

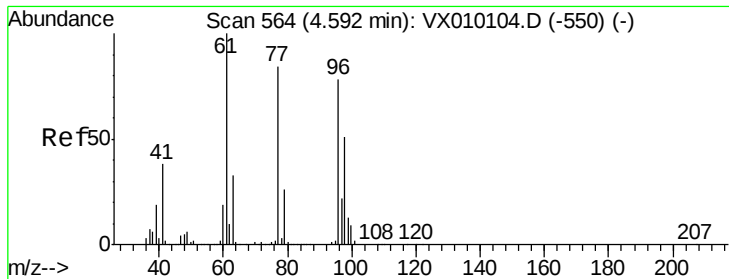
40000

20000

0

Time-->



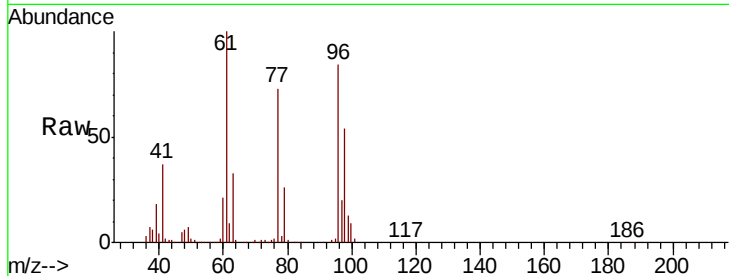


#27

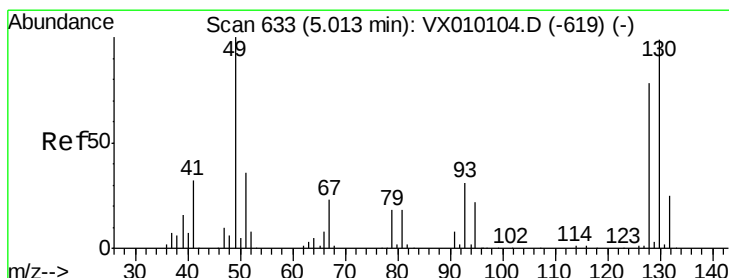
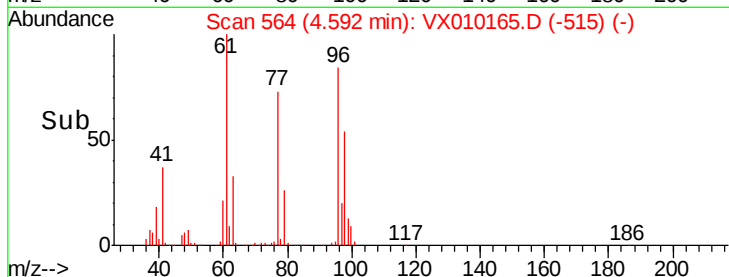
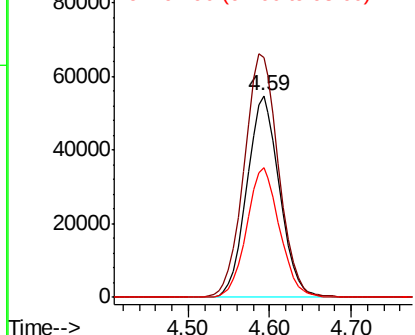
cis-1,2-Dichloroethene
Concen: 46.164 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	334.0
98	65.0	0.0	131.6



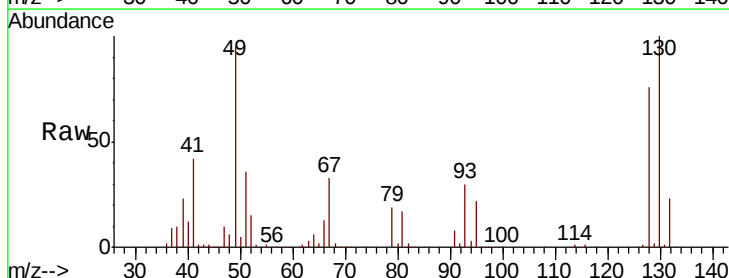
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



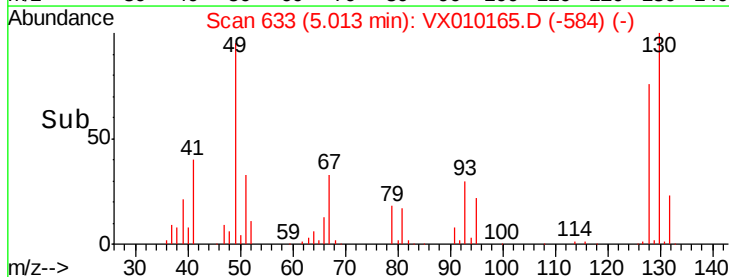
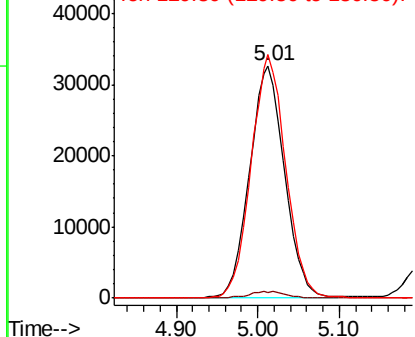
#28

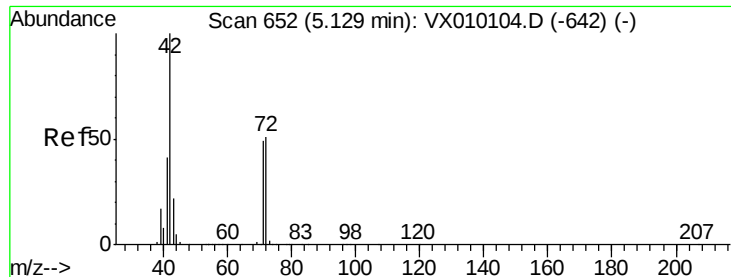
Bromochloromethane
Concen: 46.211 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	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: 226.081 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

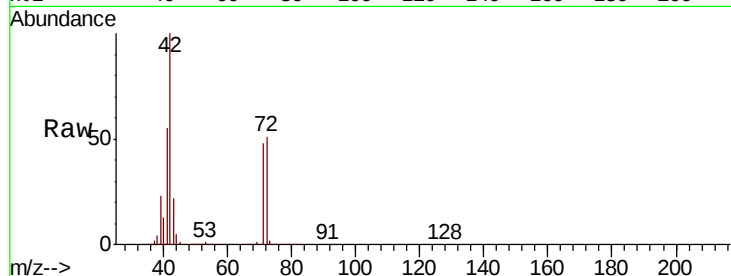
Tot Ion: 42 Resp: 290339

Ion Ratio Lower Upper

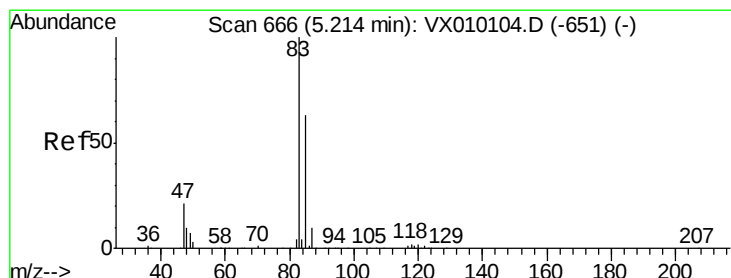
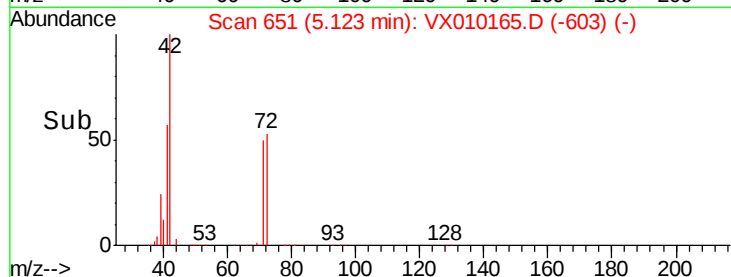
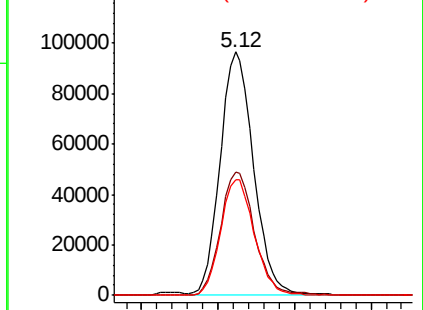
42 100

72 52.0 29.2 43.8#

71 48.4 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.249 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010165.D

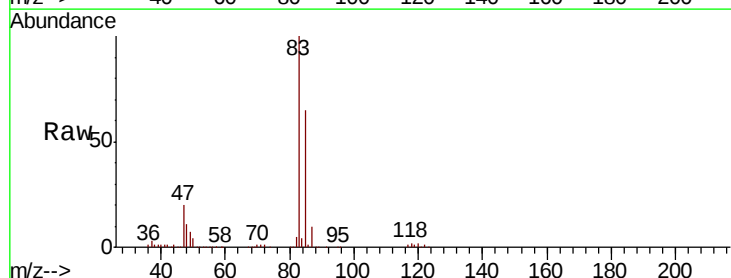
Acq: 10 Jun 2019 09:47

Tgt Ion: 83 Resp: 225965

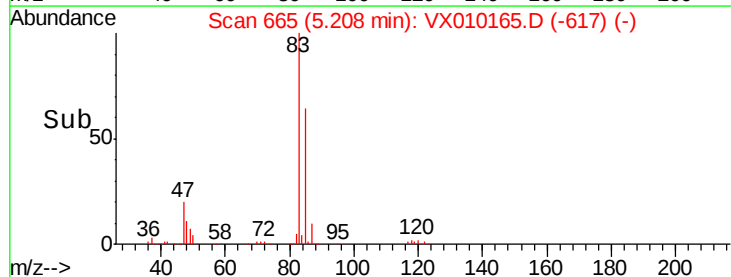
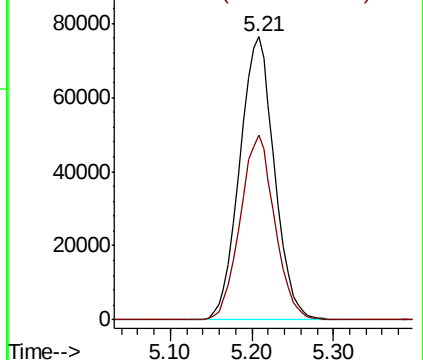
Ion Ratio Lower Upper

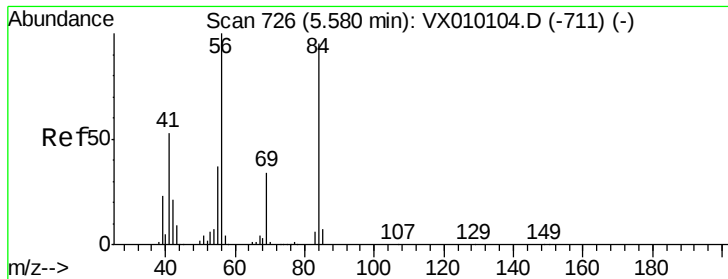
83 100

85 65.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.083 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

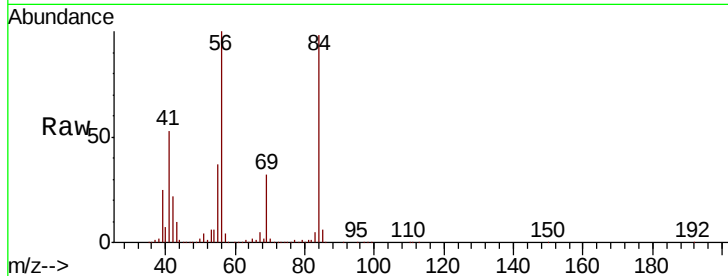
Tot Ion: 56 Resp: 204155

Ion Ratio Lower Upper

56 100

69 32.1 21.6 32.4

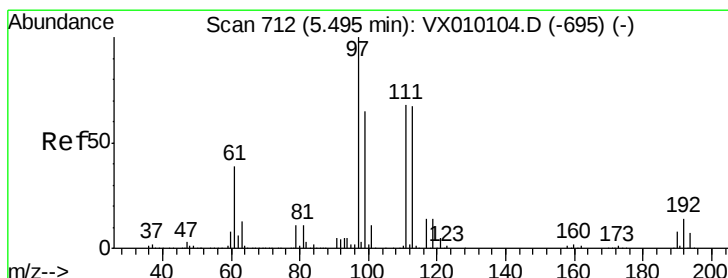
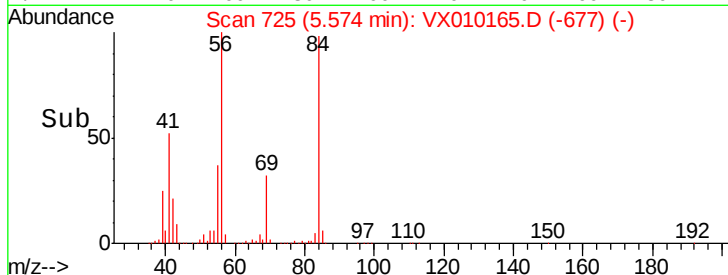
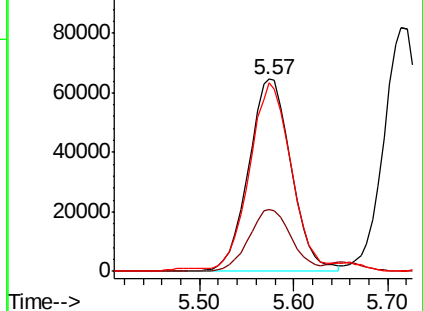
84 96.1 56.8 85.2#



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: 44.902 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

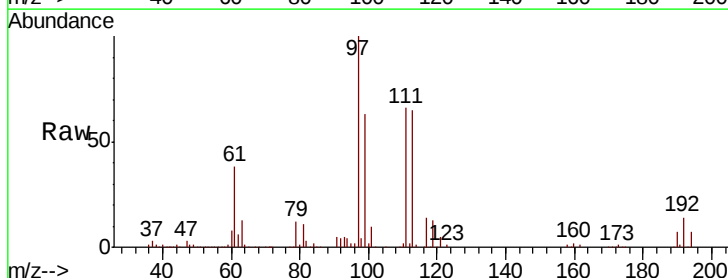
Tgt Ion: 97 Resp: 206241

Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

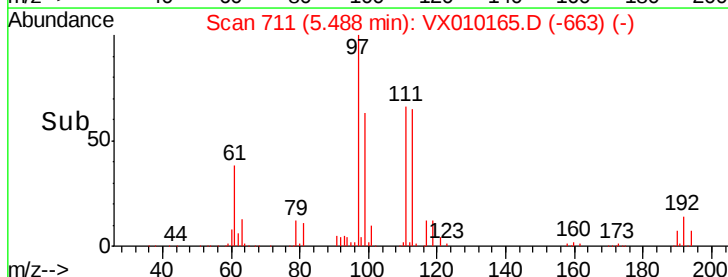
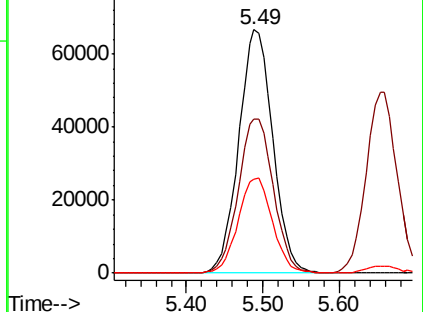
61 39.2 38.7 58.1

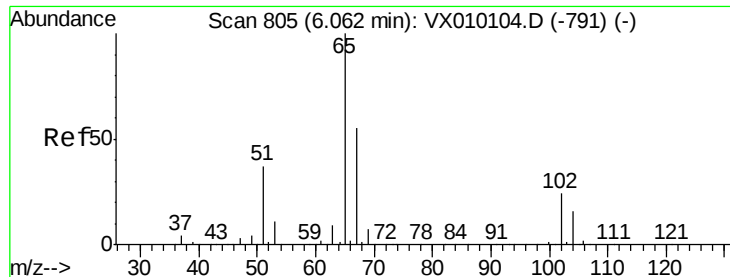


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.736 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

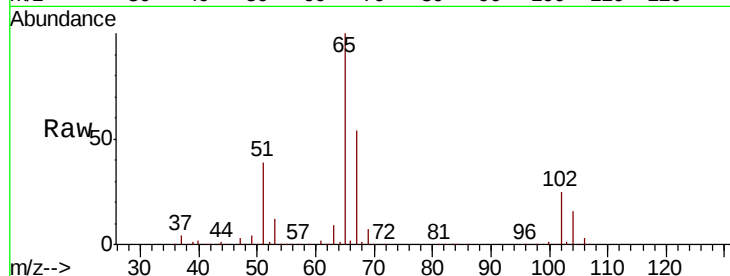
VSTDCCC050

Tot Ion: 65 Resp: 130524

Ion Ratio Lower Upper

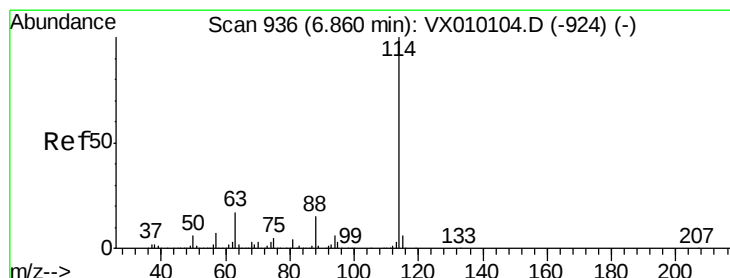
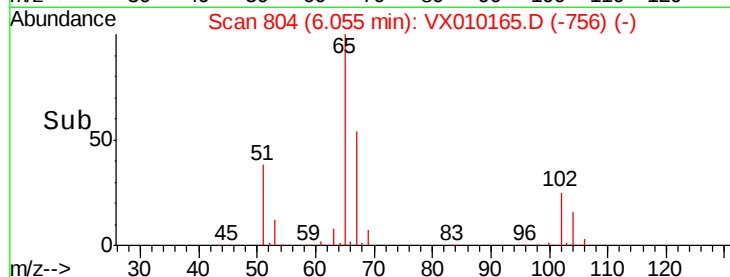
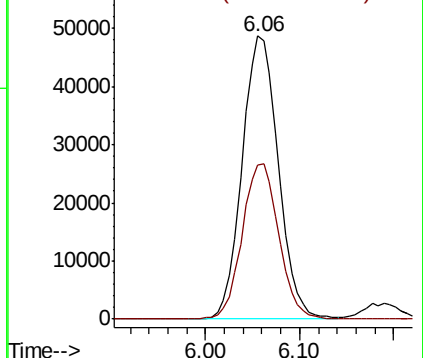
65 100

67 55.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

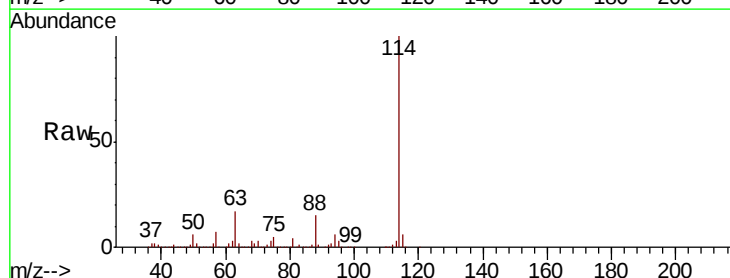
Tgt Ion: 114 Resp: 437425

Ion Ratio Lower Upper

114 100

63 17.0 0.0 47.4

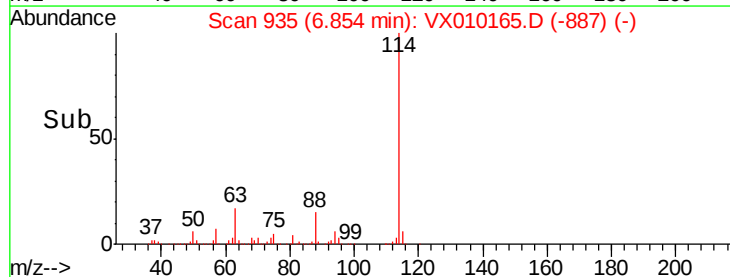
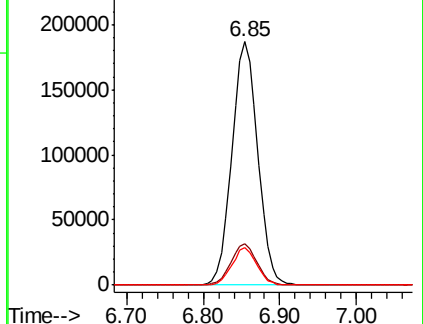
88 15.2 0.0 33.0



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

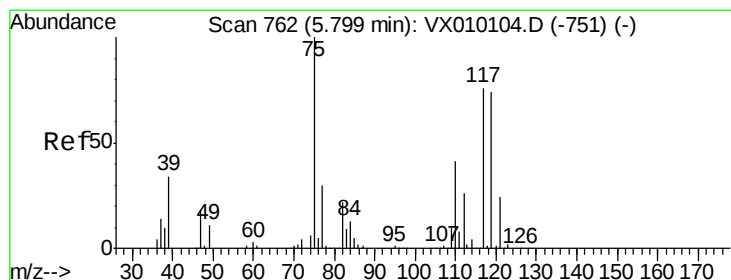
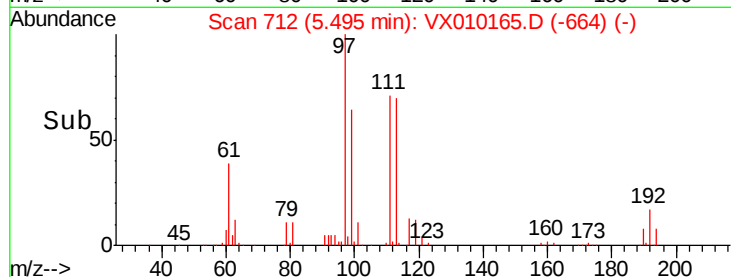
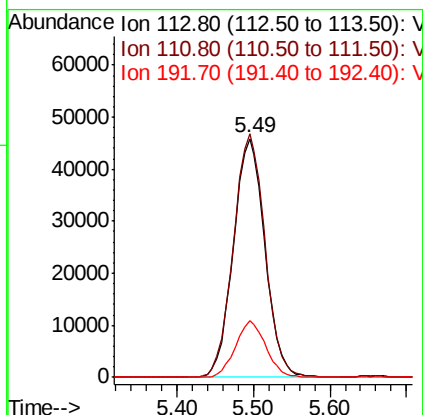
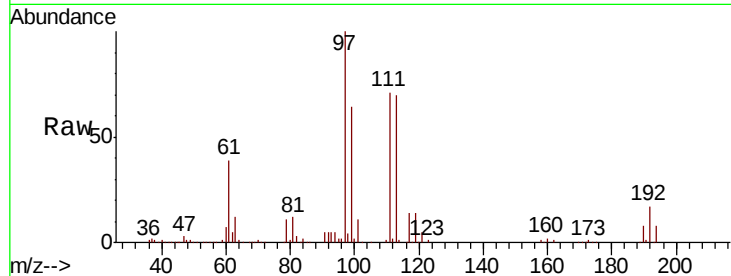




#35
 Dibromofluoromethane
 Concen: 48.472 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

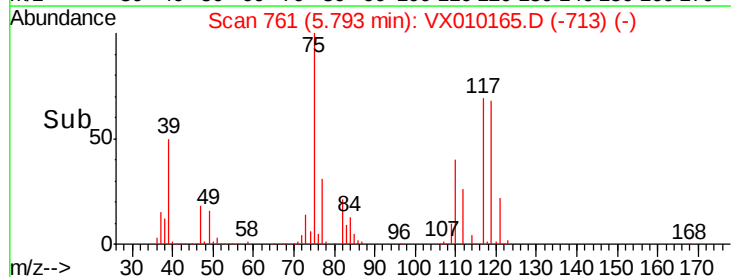
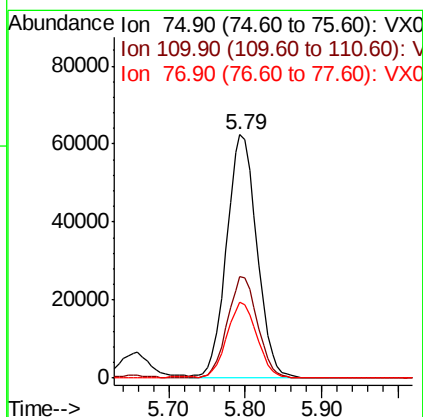
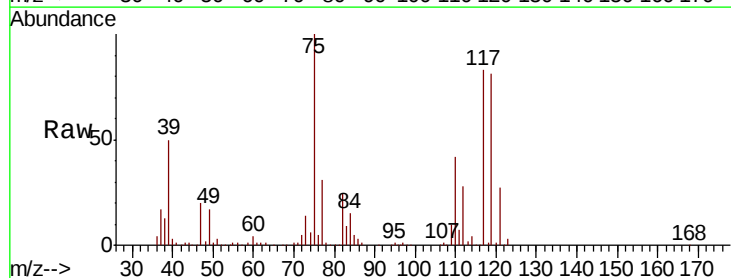
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

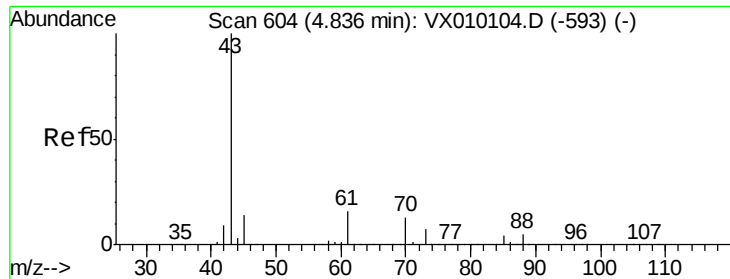
Tot Ion:113 Resp: 130784
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 22.9 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 47.866 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

Tgt Ion: 75 Resp: 170820
 Ion Ratio Lower Upper
 75 100
 110 41.4 16.7 50.1
 77 30.7 25.0 37.4

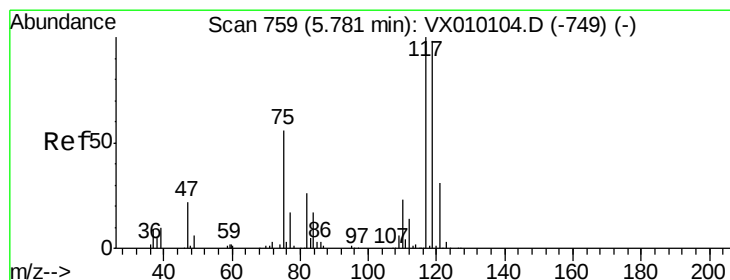
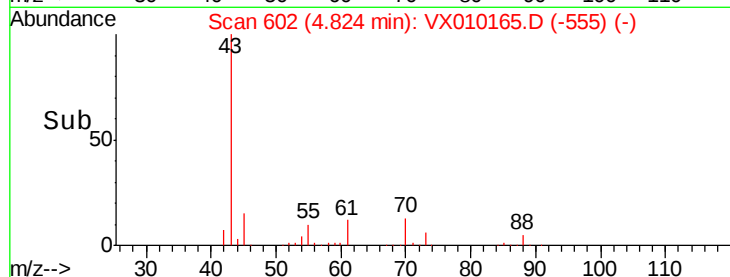
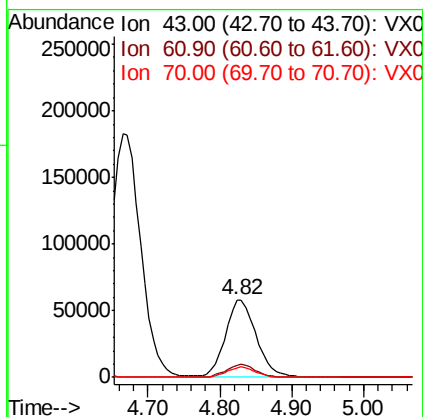
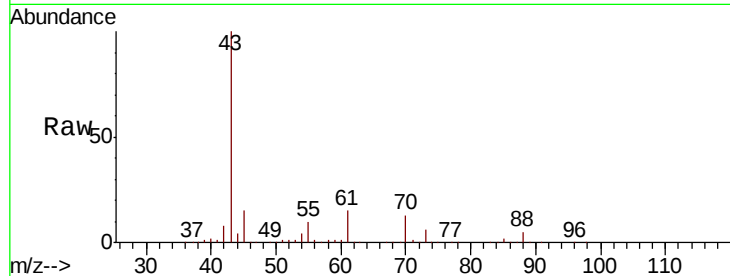




#37
Ethyl Acetate
Concen: 46.521 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

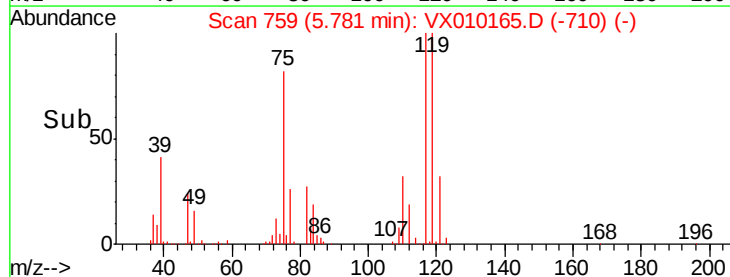
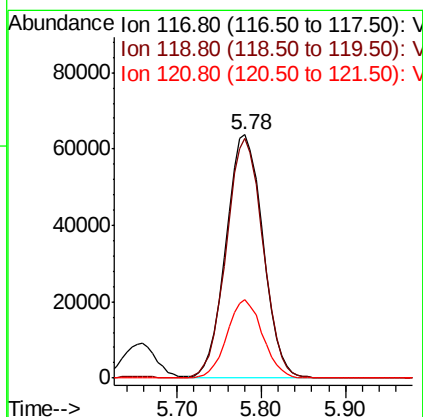
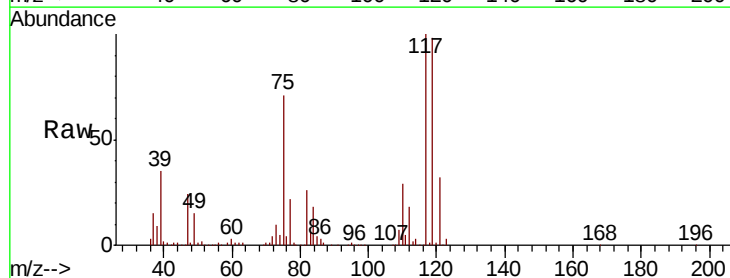
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

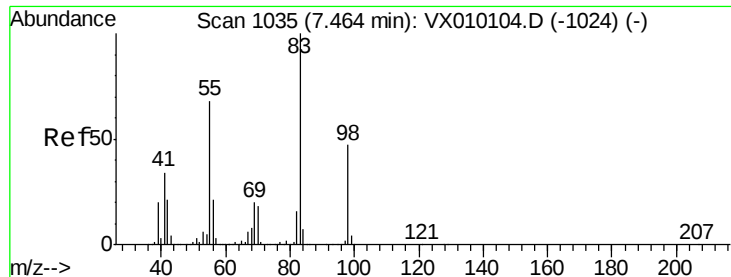
Tot Ion: 43 Resp: 172739
Ion Ratio Lower Upper
43 100
61 15.5 10.2 15.2#
70 12.6 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 46.999 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion: 117 Resp: 189846
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 32.1 25.4 38.0

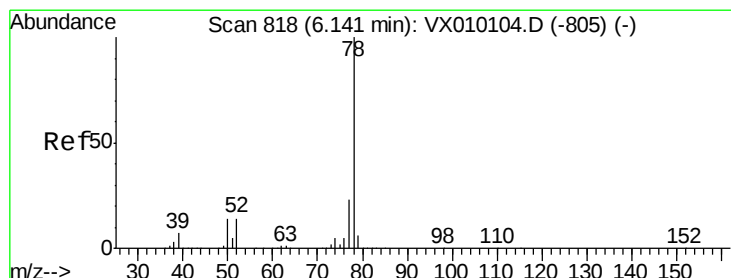
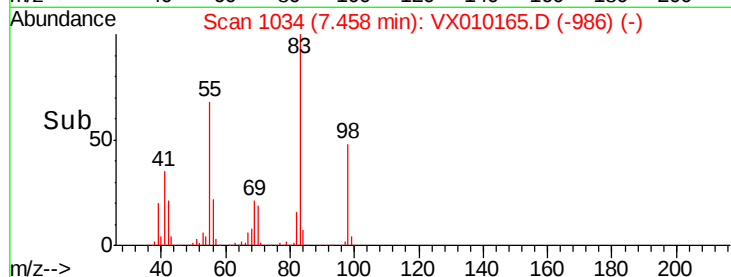
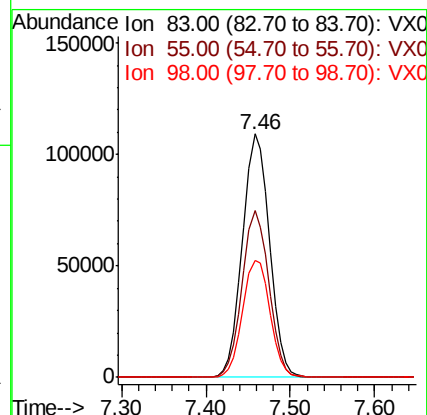
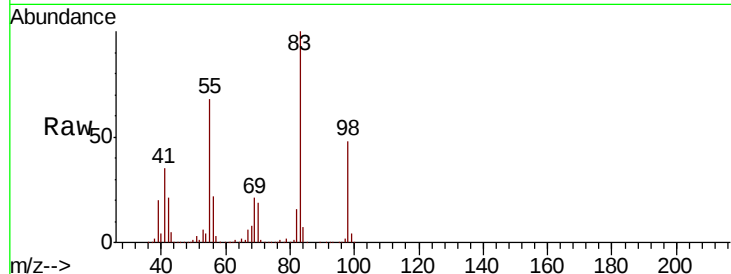




#39
Methylvlcvclohexane
Concen: 48.699 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

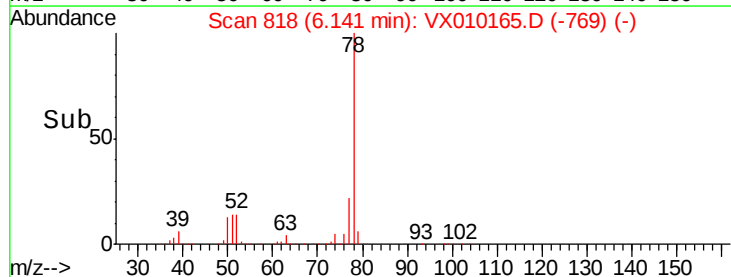
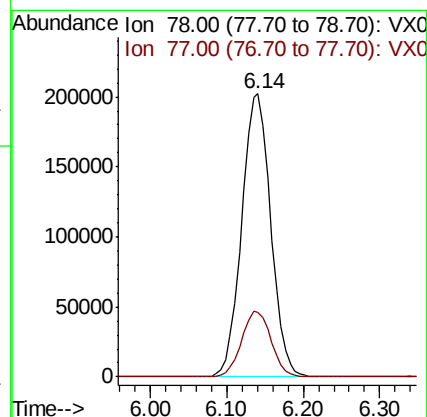
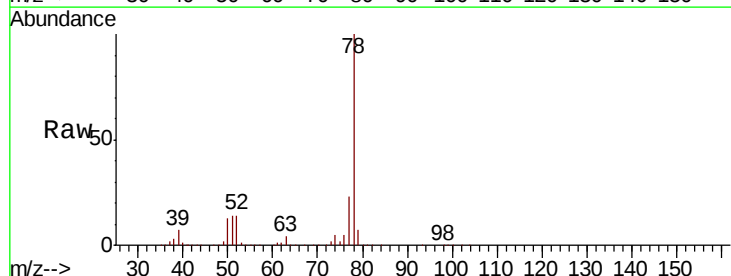
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	236652
Ion	Ratio	Lower	Upper
83	100		
55	68.3	69.9	104.9#
98	47.8	35.1	52.7



#40
Benzene
Concen: 48.169 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion	78	Resp	531552
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





#41

Methacrylonitrile

Concen: 46.762 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 93924

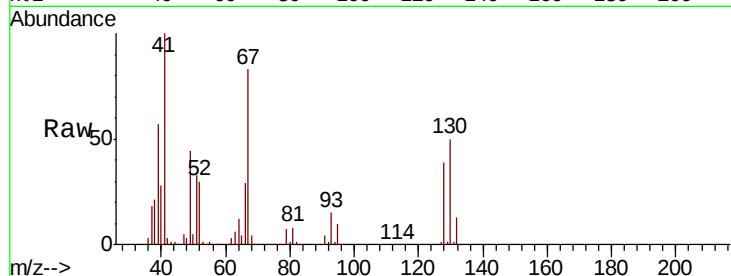
Ion Ratio Lower Upper

41 100

39 54.4 42.2 63.4

67 84.2 48.9 73.3#

52 31.1 20.1 30.1#



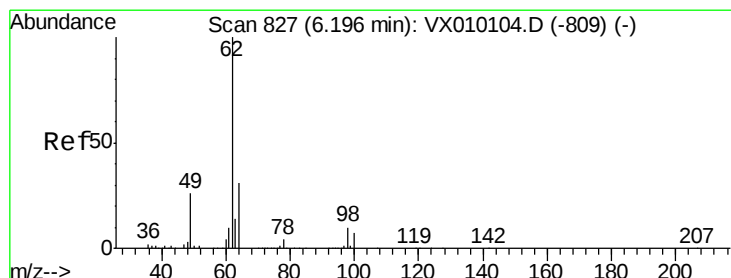
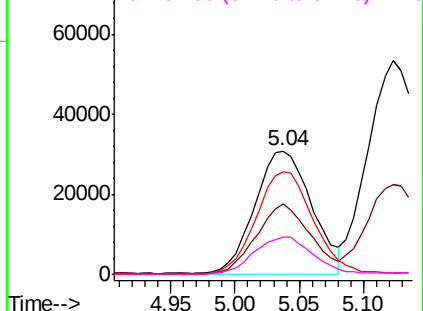
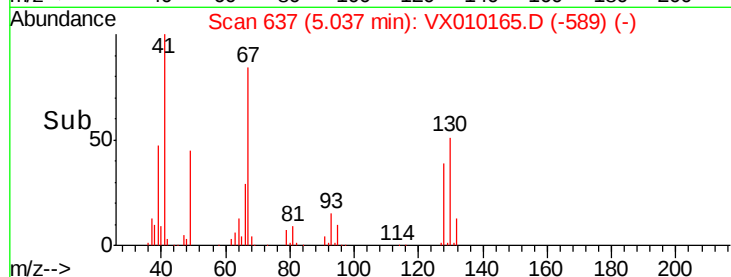
Abundance

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: 46.106 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010165.D

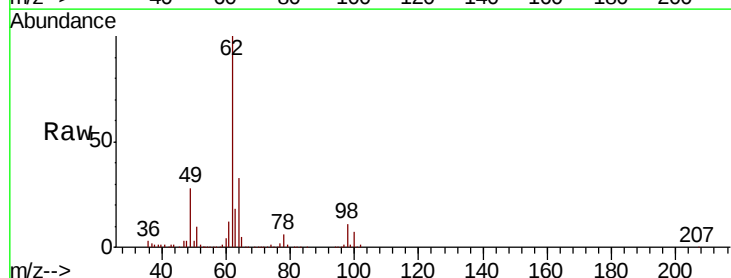
Acq: 10 Jun 2019 09:47

Tgt Ion: 62 Resp: 162430

Ion Ratio Lower Upper

62 100

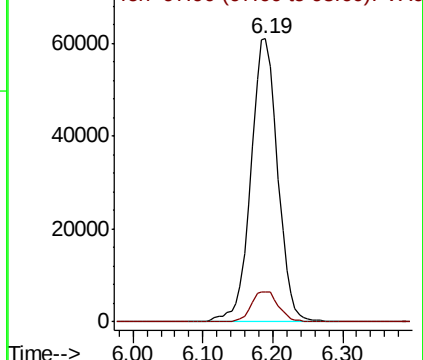
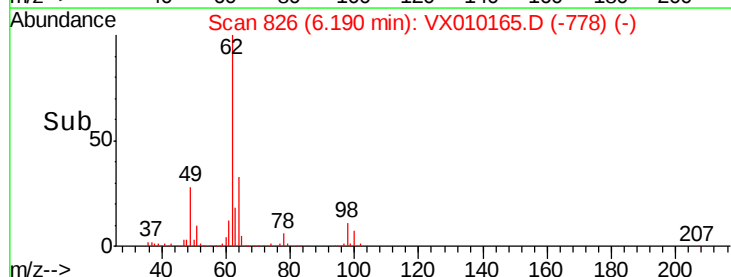
98 10.9 0.0 17.2

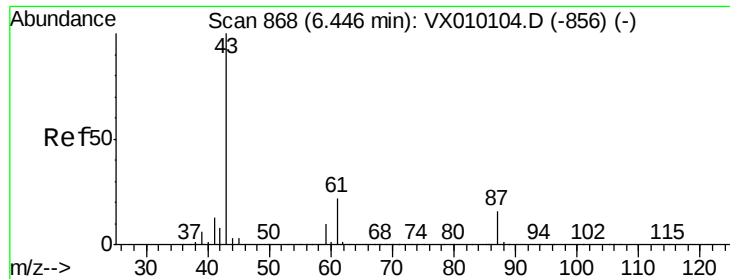


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.774 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

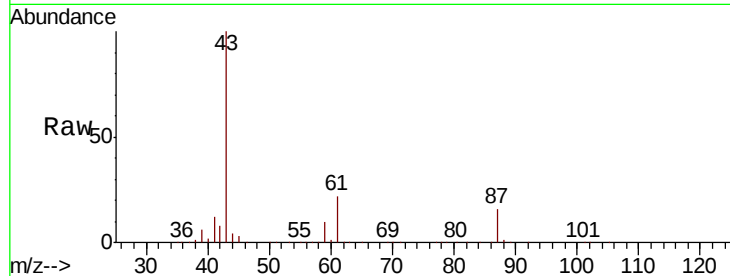
Tot Ion: 43 Resp: 290394

Ion Ratio Lower Upper

43 100

61 22.4 14.6 21.8#

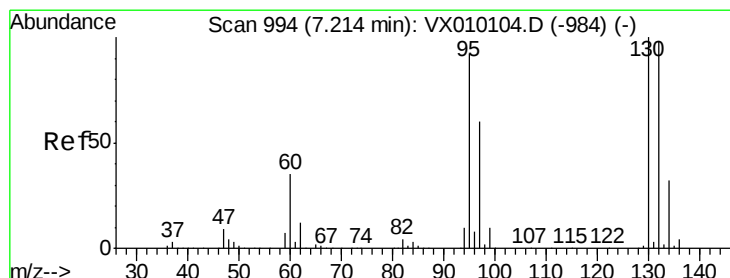
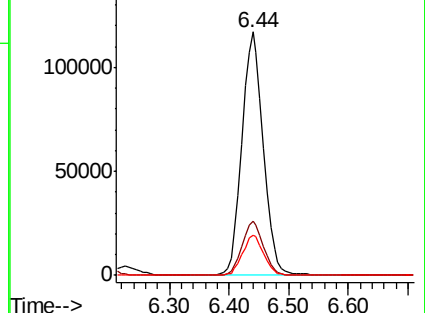
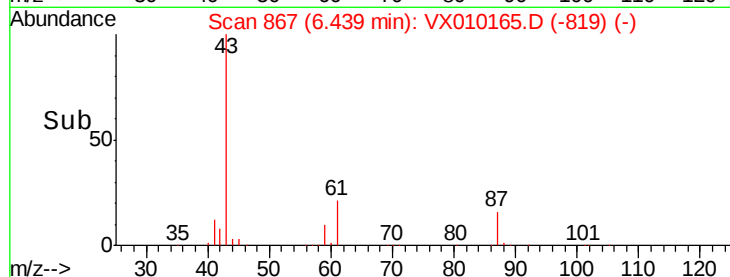
87 16.4 8.7 13.1#



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: 47.961 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010165.D

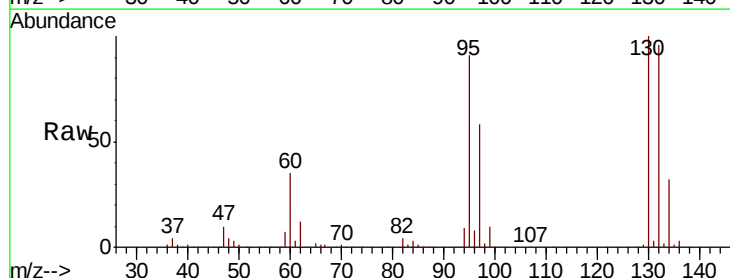
Acq: 10 Jun 2019 09:47

Tgt Ion:130 Resp: 159534

Ion Ratio Lower Upper

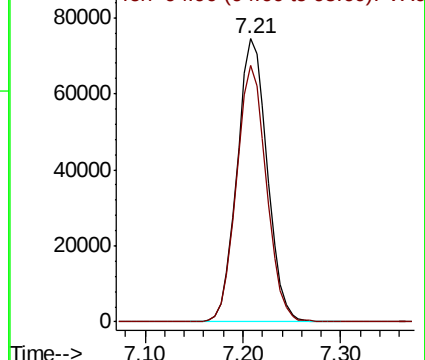
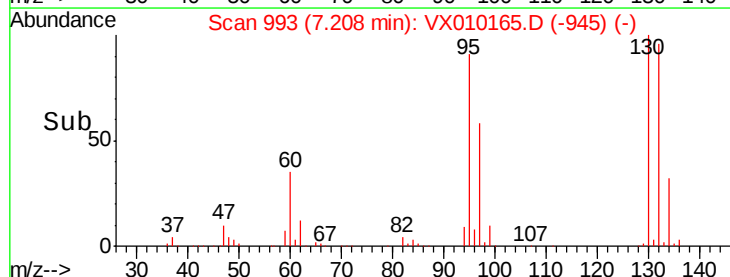
130 100

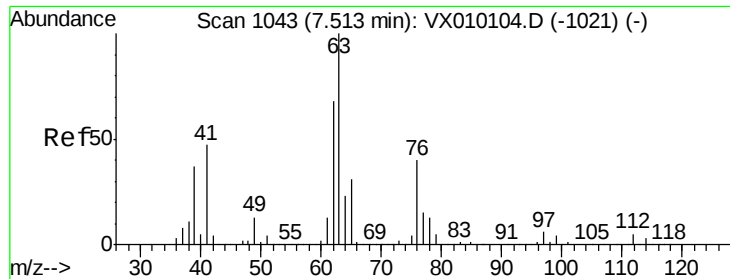
95 90.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.930 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

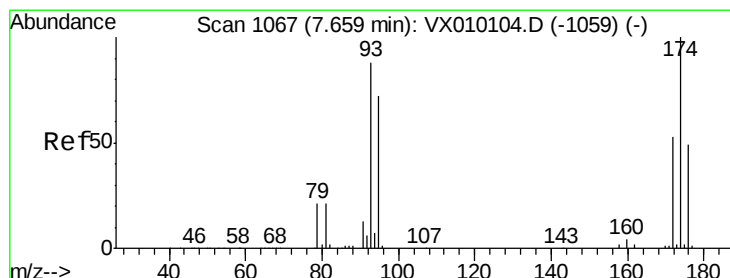
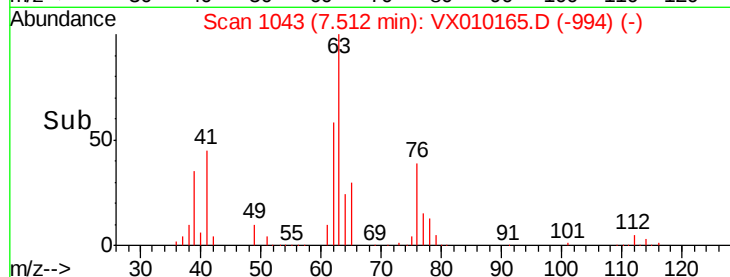
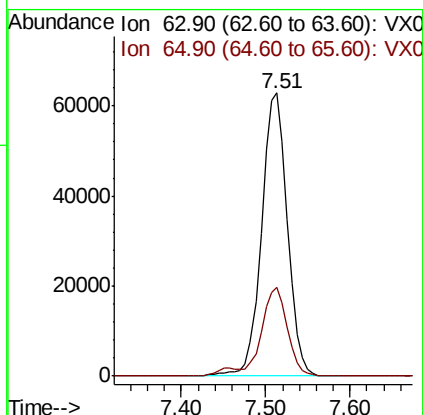
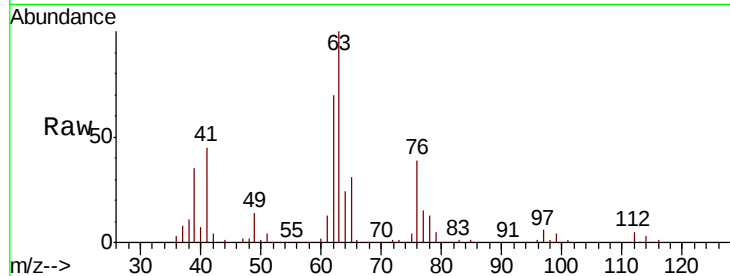
VSTDCCC050

Tot Ion: 63 Resp: 132383

Ion Ratio Lower Upper

63 100

65 31.2 25.7 38.5



#46

Dibromomethane

Concen: 46.045 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

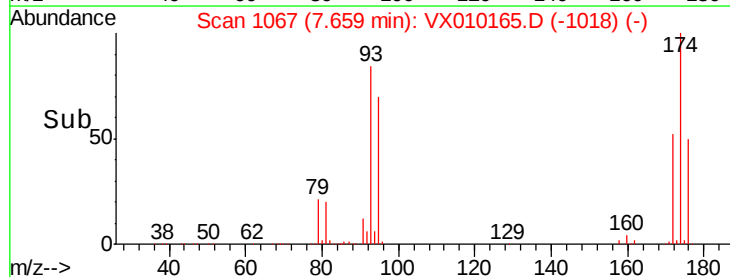
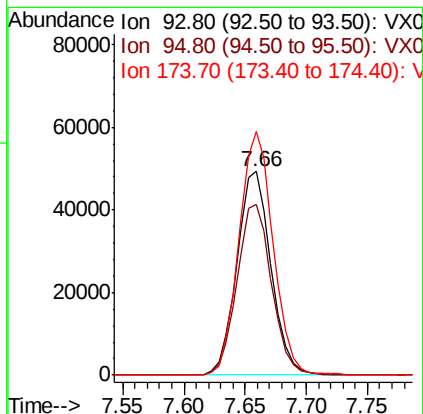
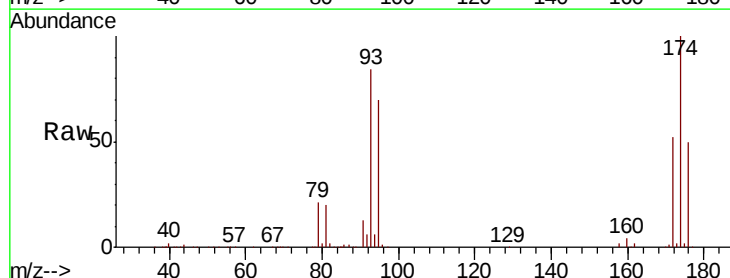
Tgt Ion: 93 Resp: 95278

Ion Ratio Lower Upper

93 100

95 85.3 66.8 100.2

174 119.7 81.9 122.9





#47

Bromodichloromethane

Concen: 48.368 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

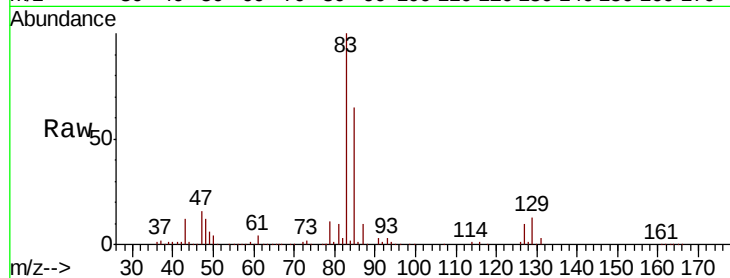
Tot Ion: 83 Resp: 187018

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.2

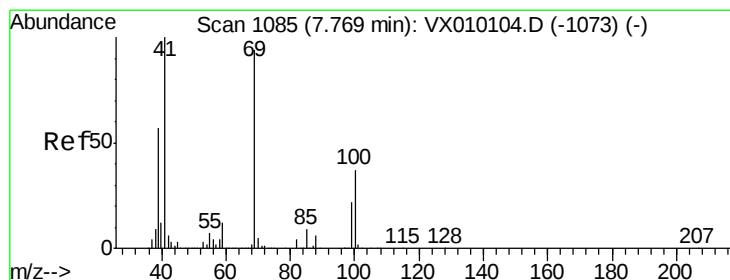
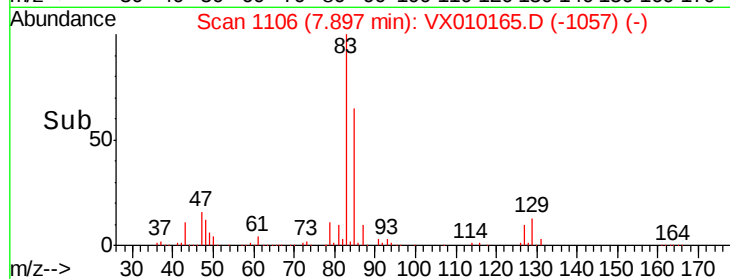
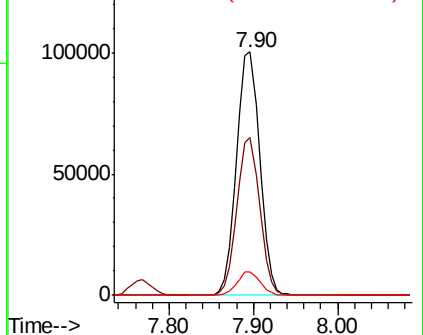
127 9.6 6.4 9.6



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: 47.821 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

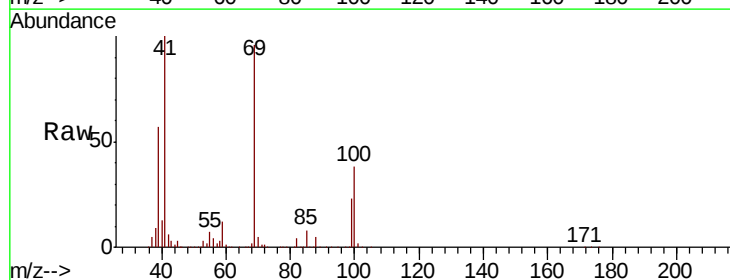
Tgt Ion: 41 Resp: 138848

Ion Ratio Lower Upper

41 100

69 97.8 56.4 84.6#

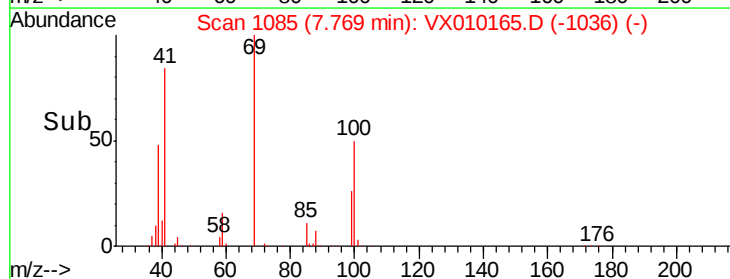
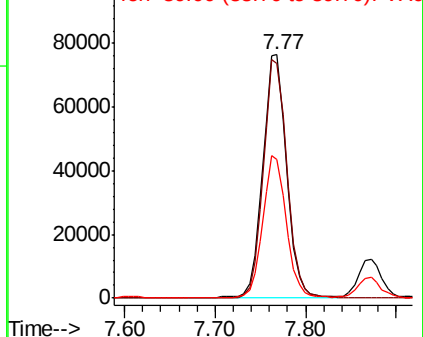
39 57.4 40.6 60.8

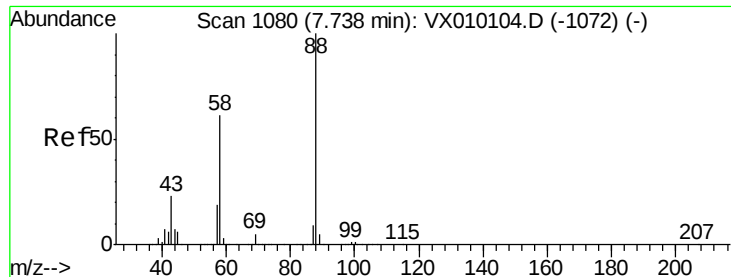


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 955.154 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

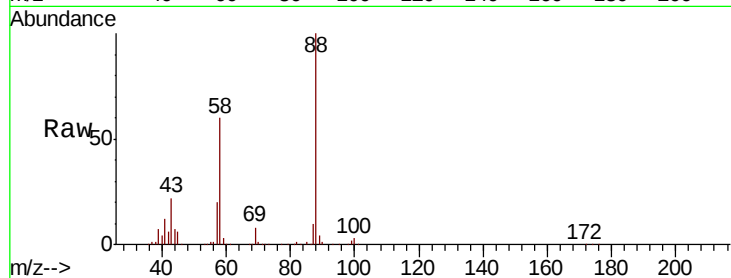
Tot Ion: 88 Resp: 79069

Ion Ratio Lower Upper

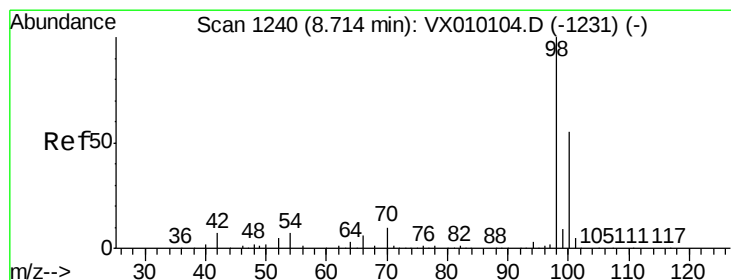
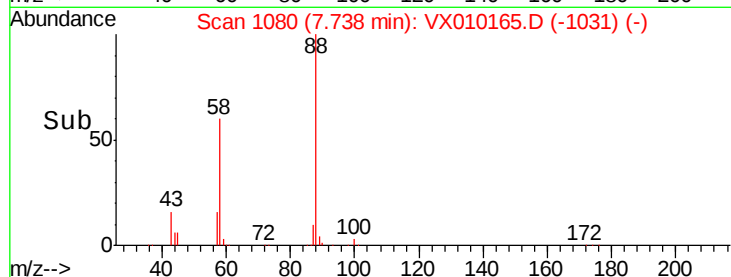
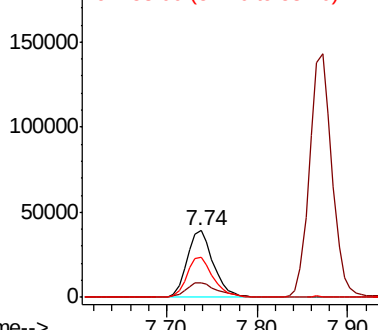
88 100

43 24.9 30.2 45.4#

58 60.5 64.0 96.0#



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



#50

Toluene-d8

Concen: 49.154 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010165.D

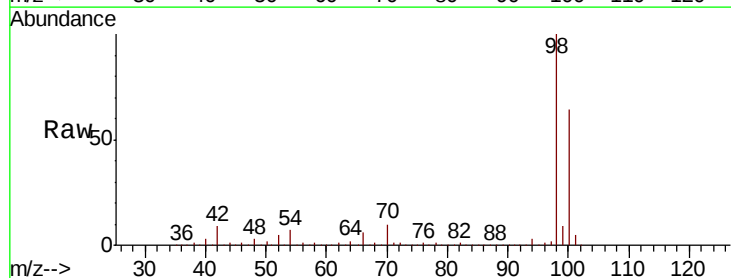
Acq: 10 Jun 2019 09:47

Tgt Ion: 98 Resp: 497056

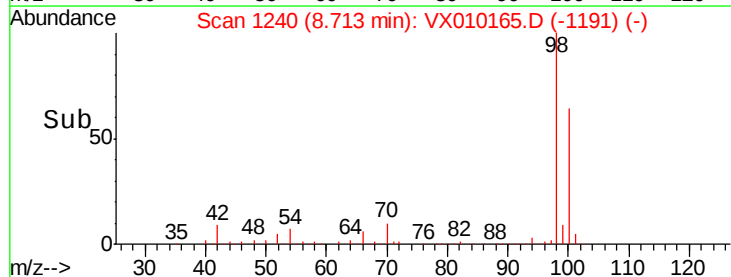
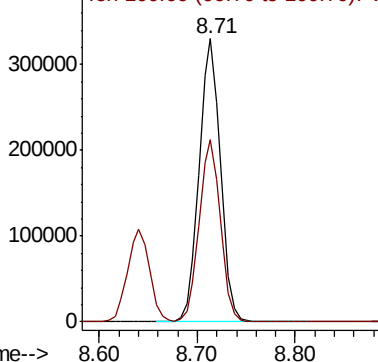
Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 245.074 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

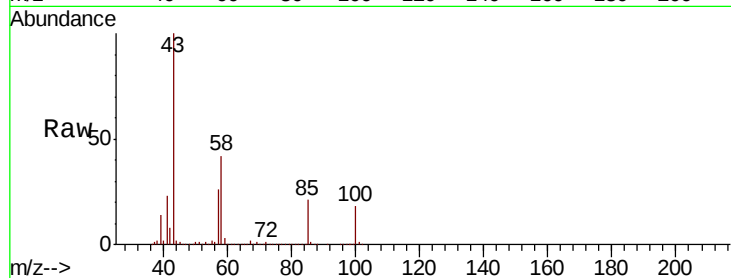
VSTDCCC050

Tot Ion: 43 Resp: 908947

Ion Ratio Lower Upper

43 100

58 42.3 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX010104.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX010104.D (-1219) (-)

8.64

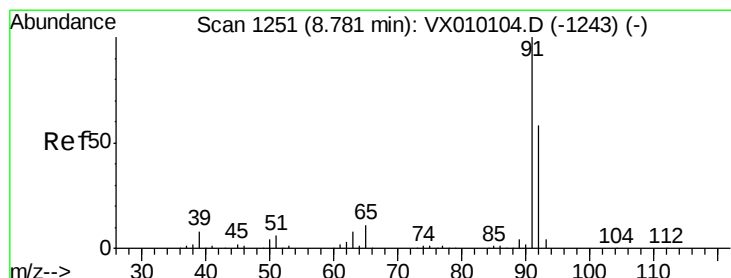
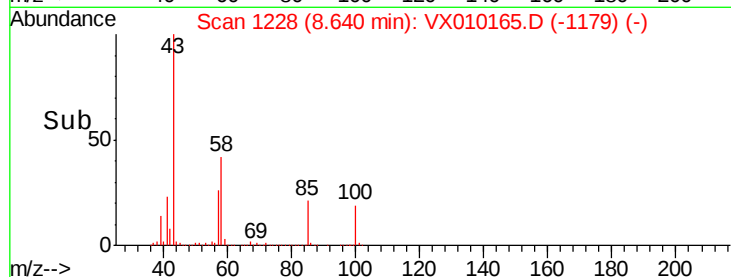
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.970 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010165.D

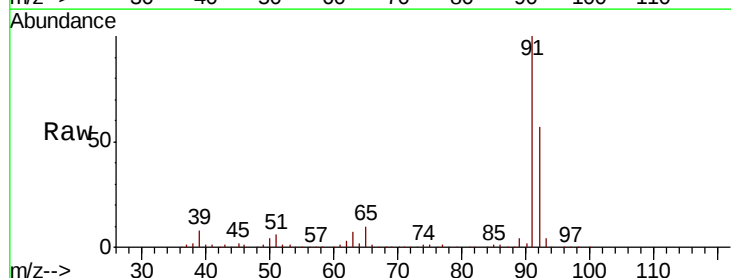
Acq: 10 Jun 2019 09:47

Tgt Ion: 92 Resp: 347969

Ion Ratio Lower Upper

92 100

91 174.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX010104.D (-1243) (-)

Ion 91.00 (90.70 to 91.70): VX010104.D (-1243) (-)

8.78

400000

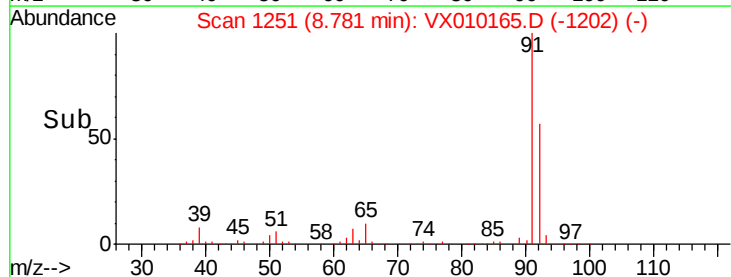
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.530 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

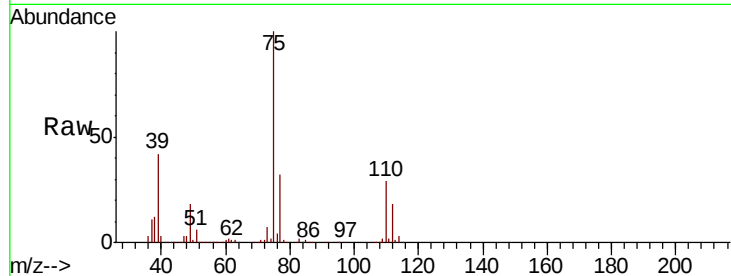
VSTDCCC050

Tot Ion: 75 Resp: 212573

Ion Ratio Lower Upper

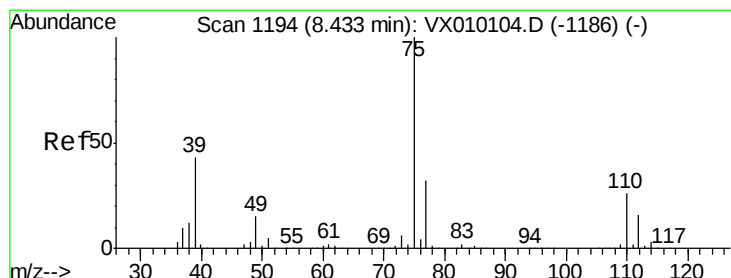
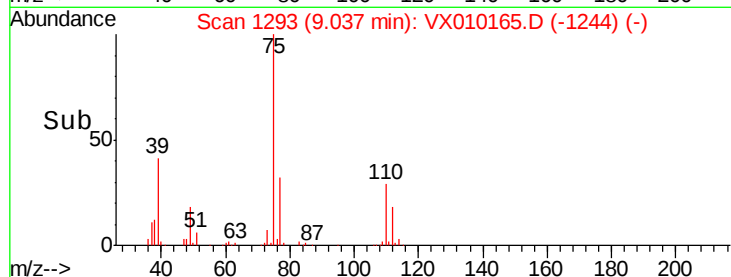
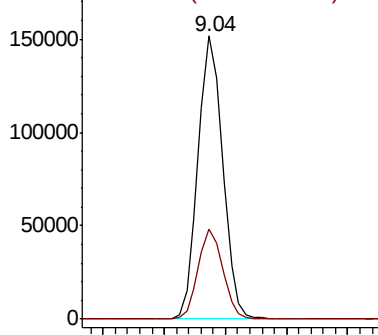
75 100

77 31.7 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.242 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

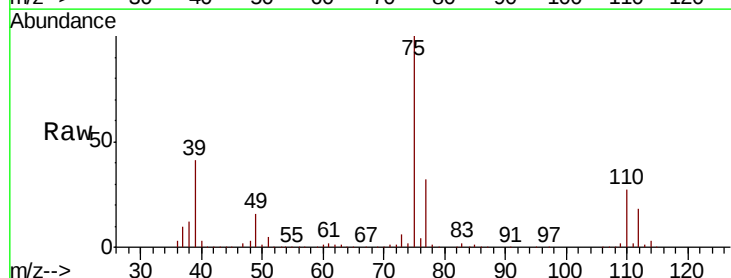
Tgt Ion: 75 Resp: 226507

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

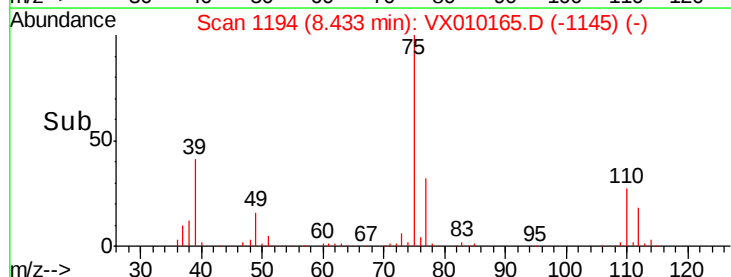
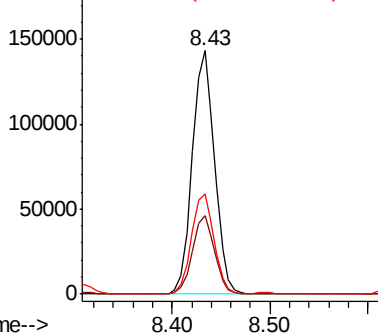
39 40.9 43.4 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

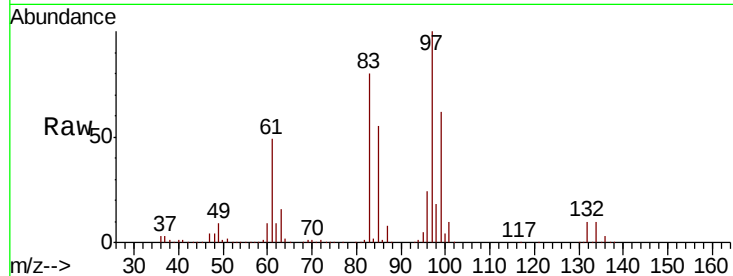




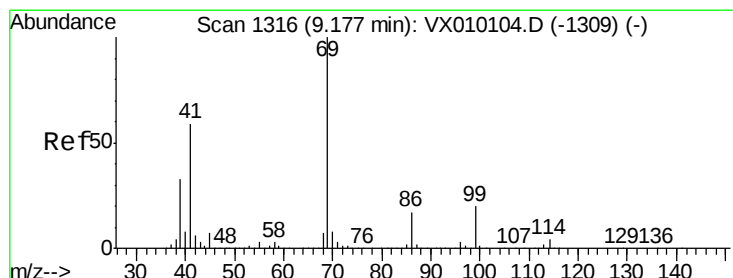
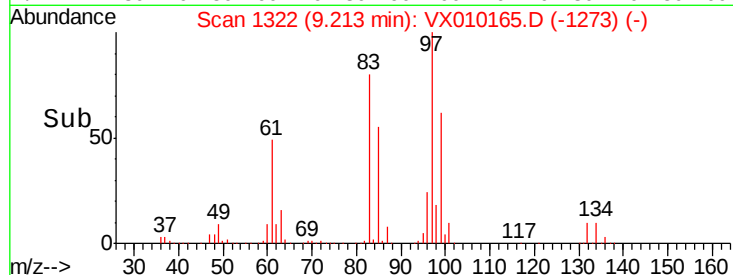
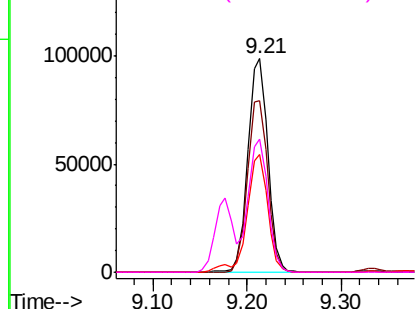
#55
 1,1,2-Trichloroethane
 Concen: 49.509 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 147082
 Ion Ratio Lower Upper
 97 100
 83 80.2 69.8 104.8
 85 55.0 45.3 67.9
 99 62.2 49.0 73.4

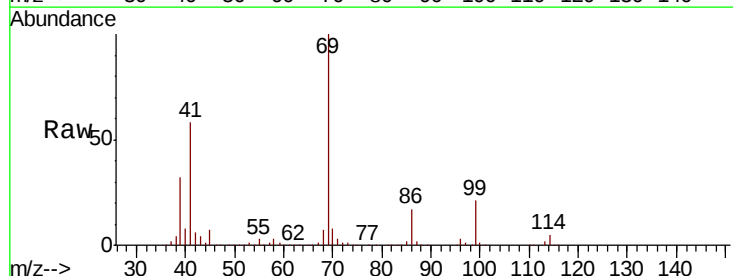


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

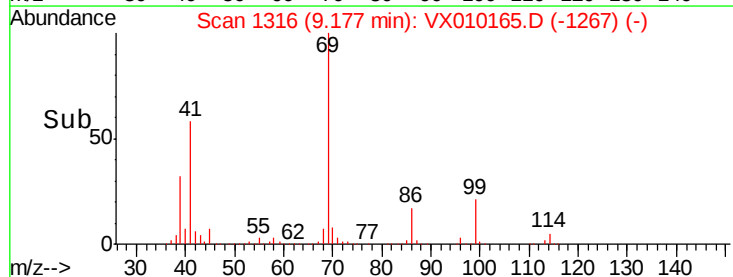
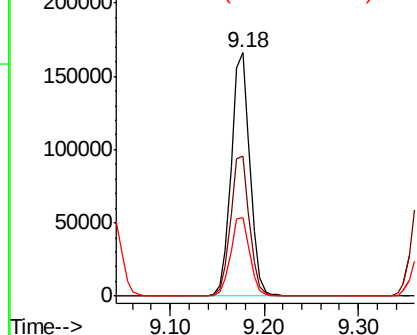


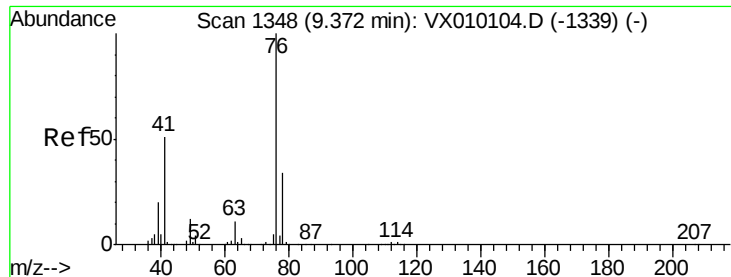
#56
 Ethyl methacrylate
 Concen: 48.482 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

Tgt Ion: 69 Resp: 227519
 Ion Ratio Lower Upper
 69 100
 41 58.4 62.7 94.1#
 39 33.0 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: 47.480 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

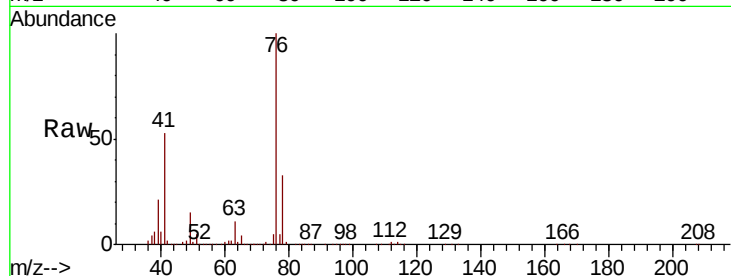
VSTDCCC050

Tot Ion: 76 Resp: 222068

Ion Ratio Lower Upper

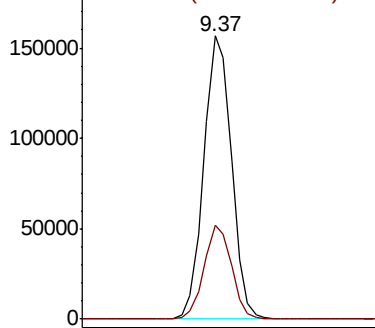
76 100

78 32.9 25.4 38.0

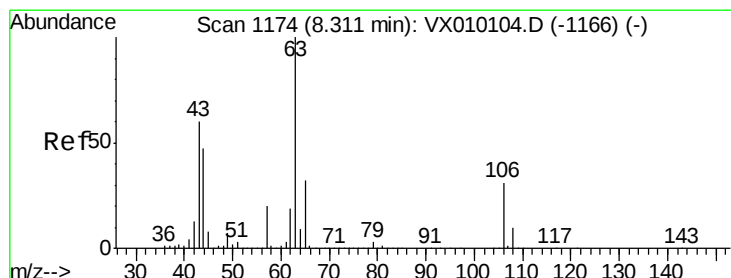
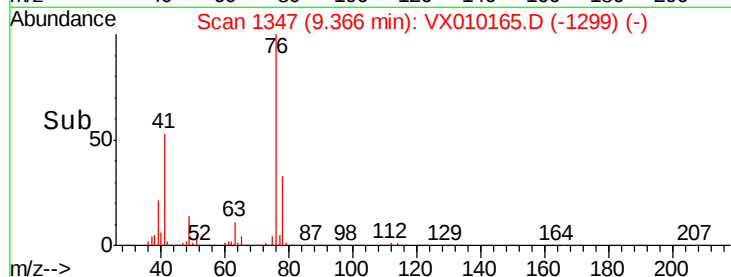


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.078 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010165.D

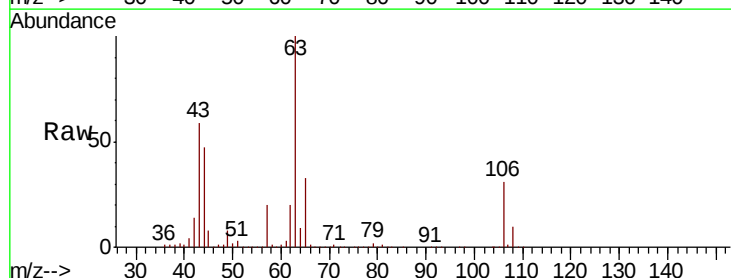
Acq: 10 Jun 2019 09:47

Tgt Ion: 63 Resp: 520065

Ion Ratio Lower Upper

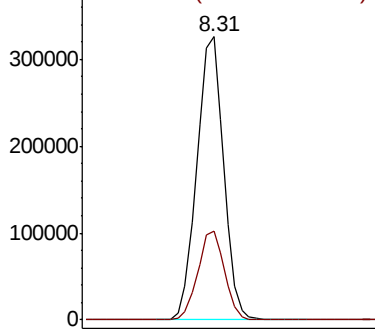
63 100

106 31.4 19.4 29.2#

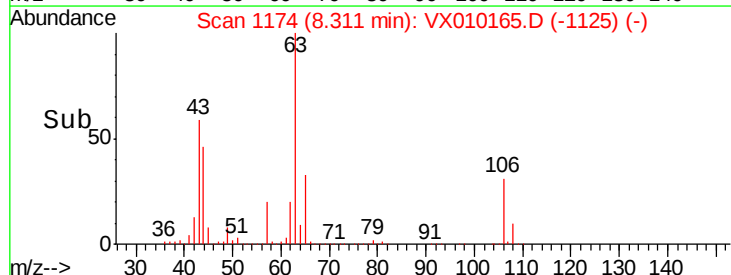


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

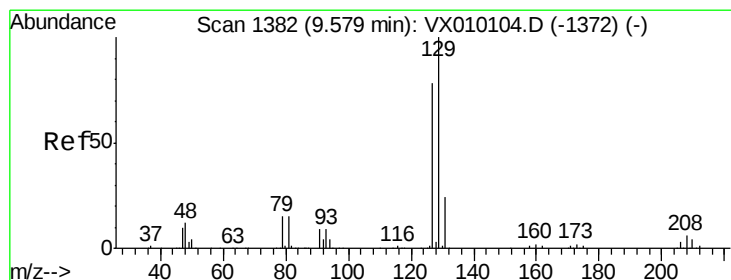
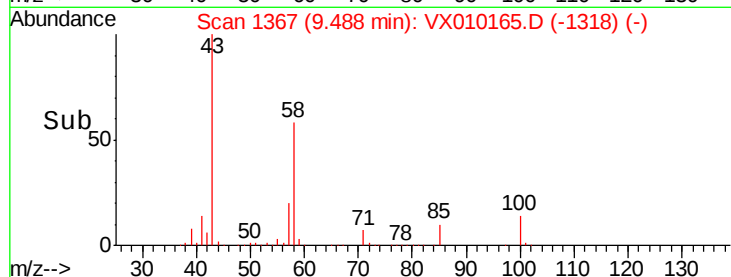
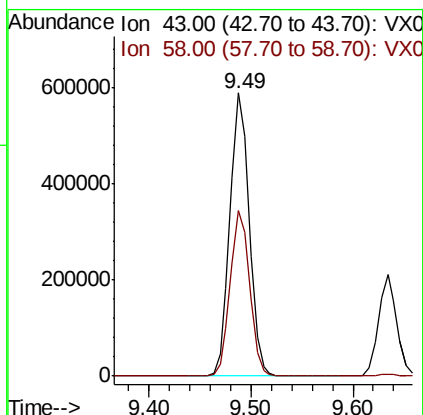
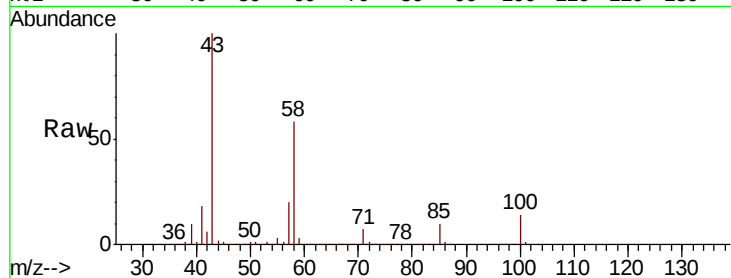




#59
2-Hexanone
Concen: 259.940 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

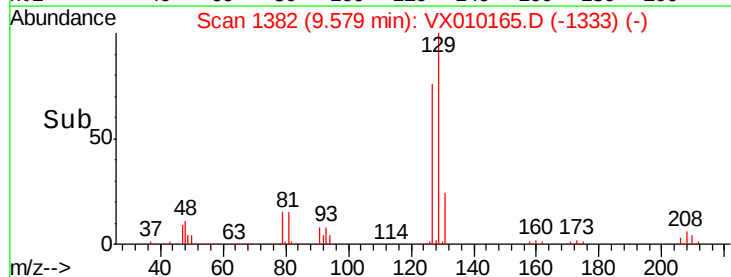
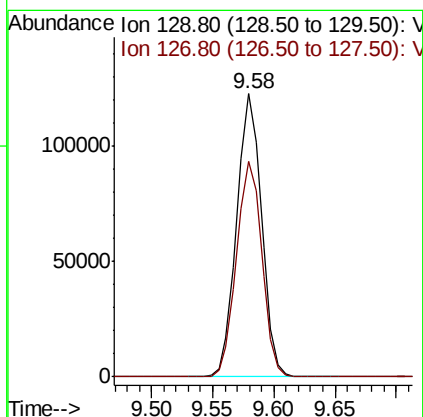
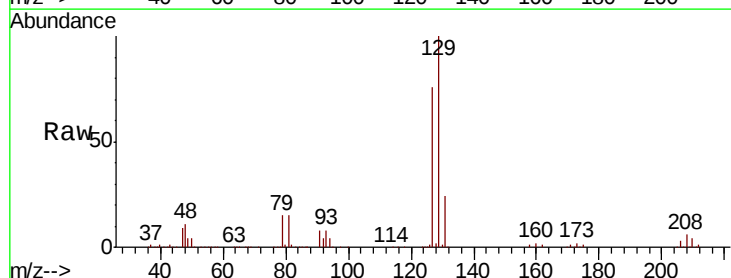
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

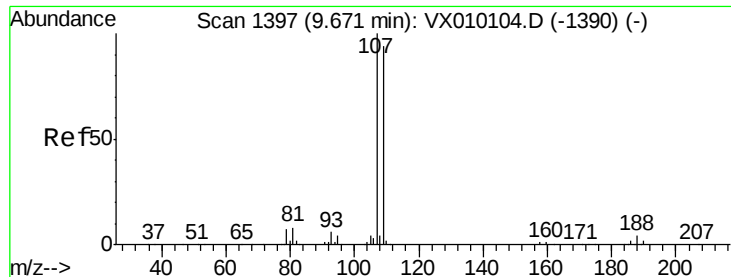
Tot Ion: 43 Resp: 768675
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3



#60
Dibromochloromethane
Concen: 49.142 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion: 129 Resp: 172681
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.097 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

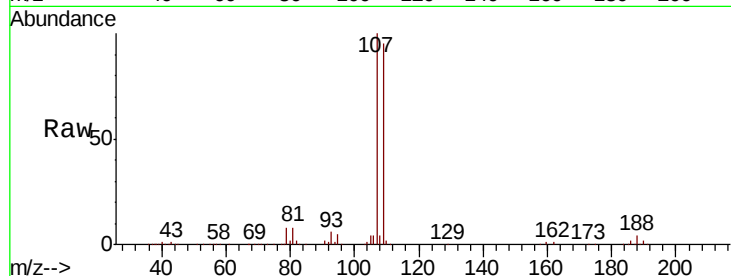
VSTDCCC050

Tot Ion:107 Resp: 159140

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

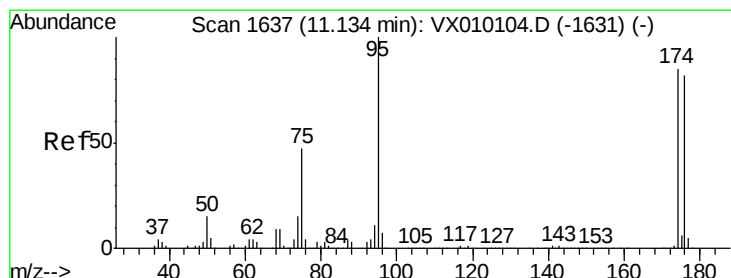
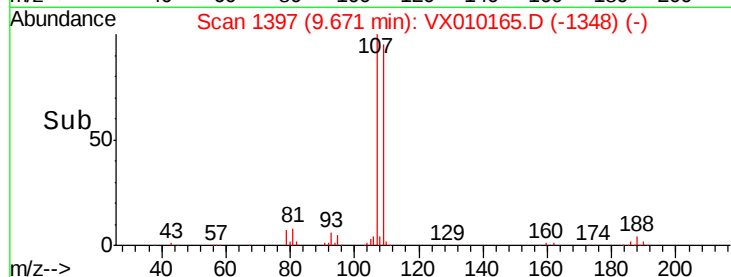
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.721 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

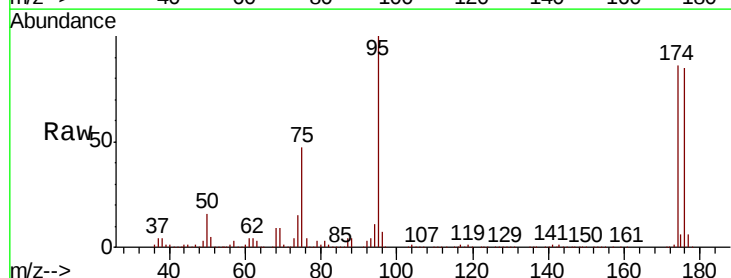
Tgt Ion: 95 Resp: 187770

Ion Ratio Lower Upper

95 100

174 90.7 0.0 160.4

176 87.7 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

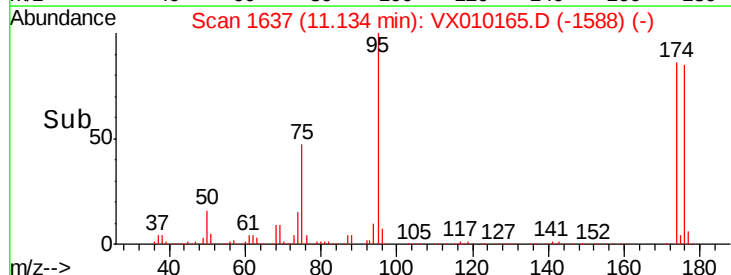
150000

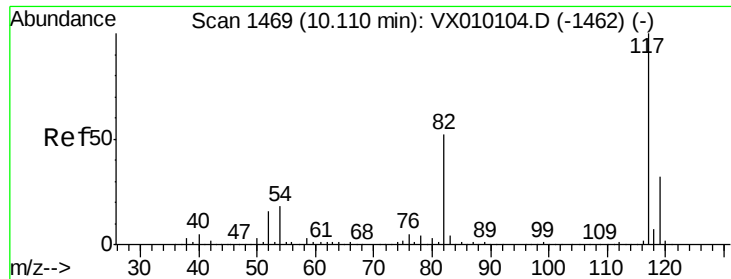
100000

50000

0

Time-->

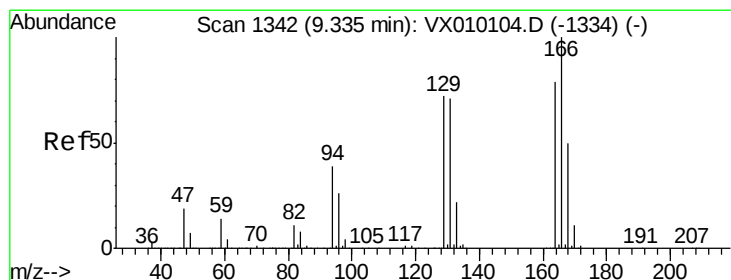
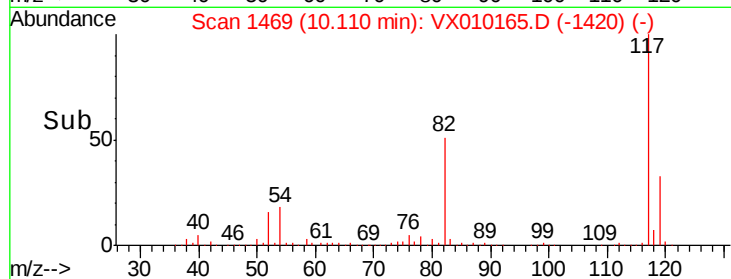
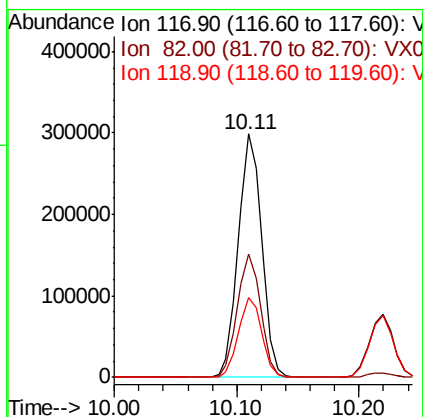
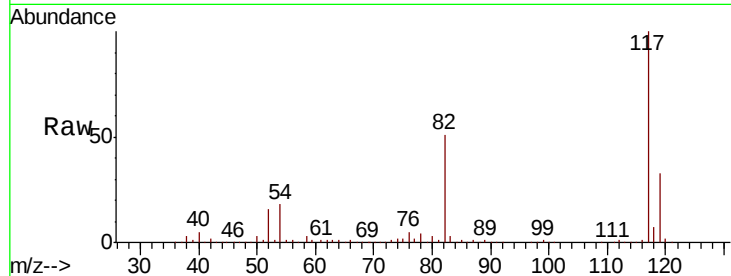




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

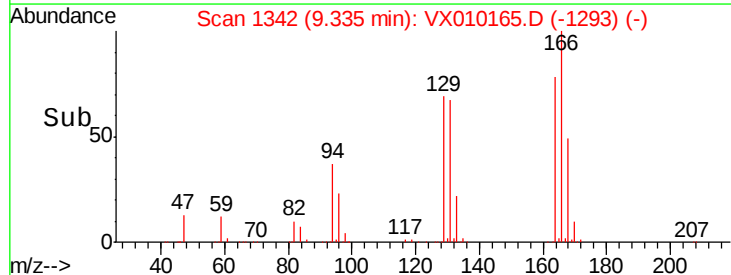
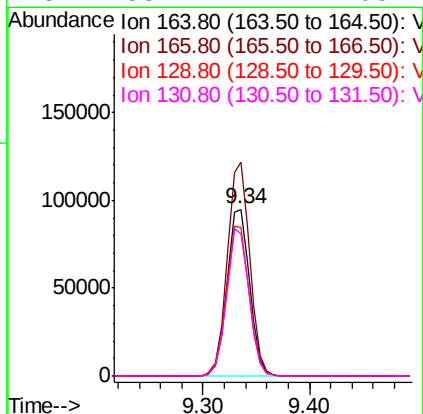
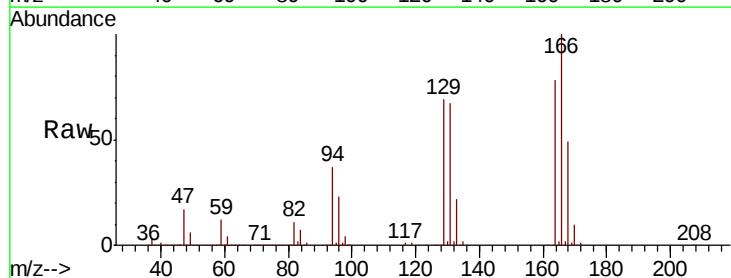
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

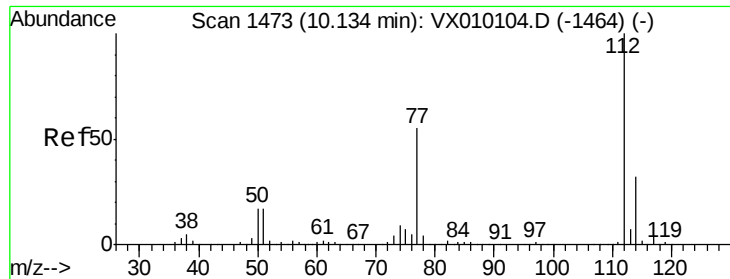
Tot Ion:117 Resp: 395980
Ion Ratio Lower Upper
117 100
82 50.6 49.2 73.8
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 47.983 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion:164 Resp: 141118
Ion Ratio Lower Upper
164 100
166 128.0 105.0 157.4
129 88.7 75.1 112.7
131 85.2 72.2 108.4

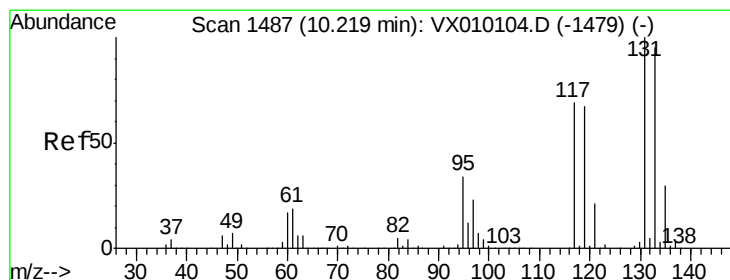
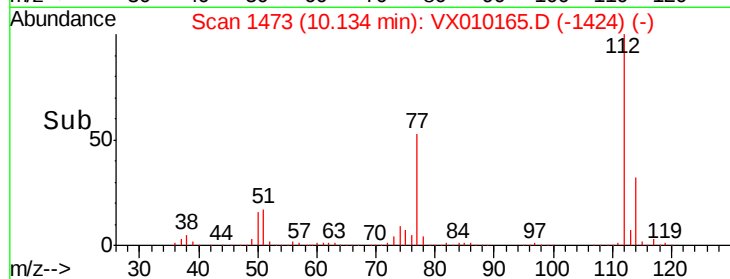
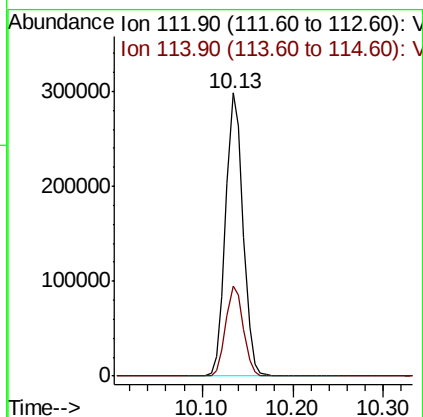
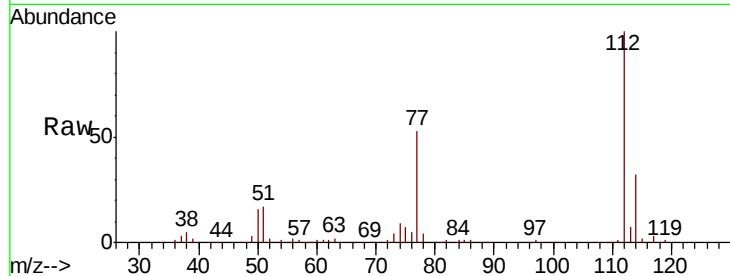




#65
Chlorobenzene
Concen: 48.981 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

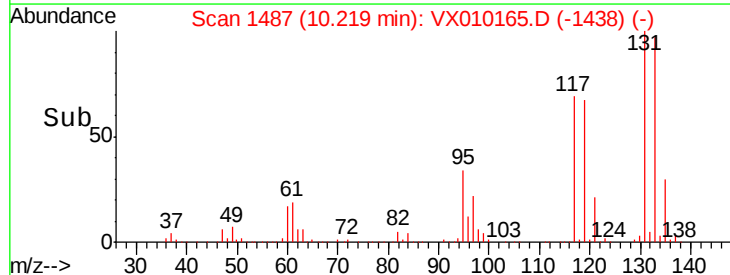
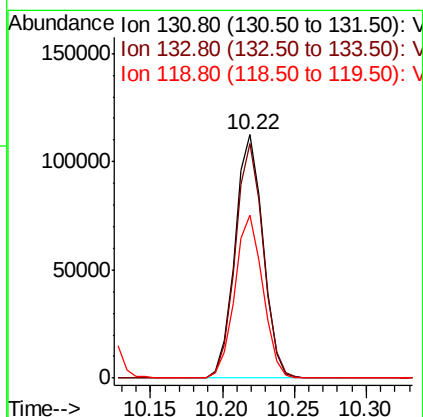
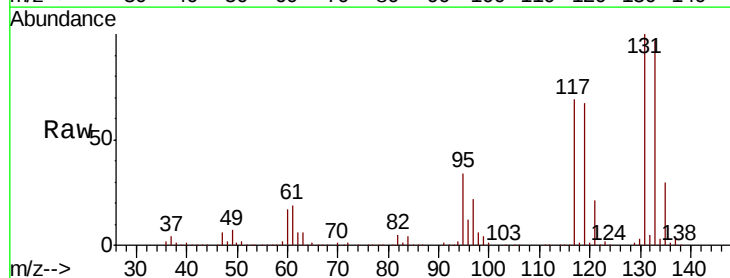
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

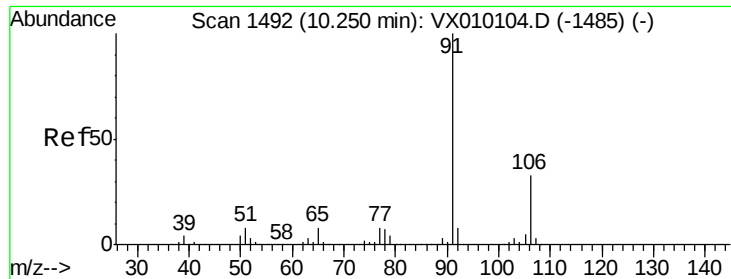
Tot Ion:112 Resp: 400304
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.749 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion:131 Resp: 153214
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 67.0 33.4 100.1





#67

Ethyl Benzene

Concen: 48.911 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

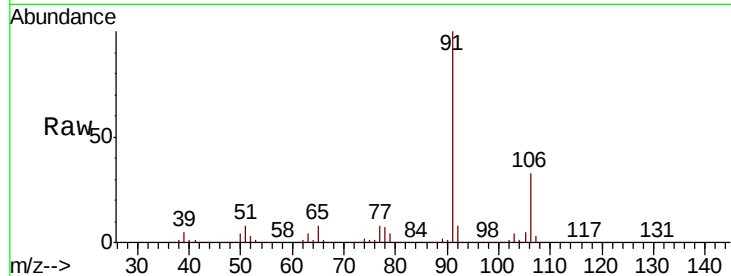
VSTDCCC050

Tot Ion: 91 Resp: 680485

Ion Ratio Lower Upper

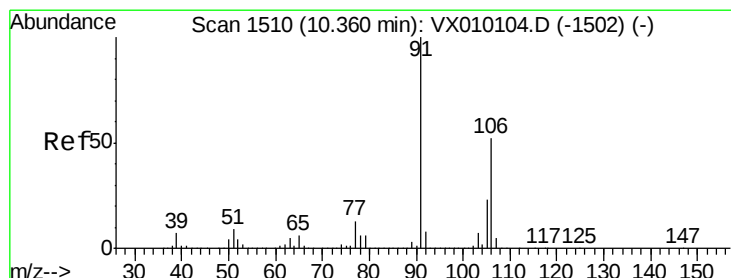
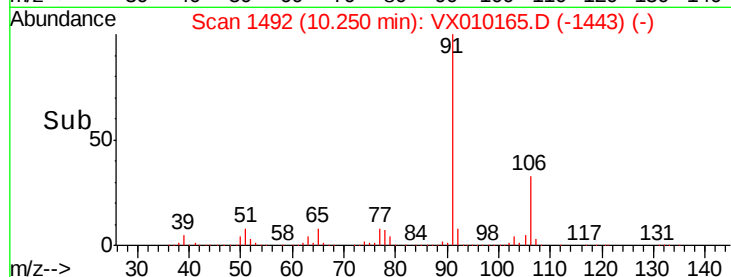
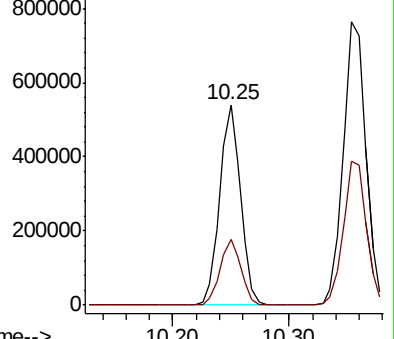
91 100

106 33.0 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.940 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010165.D

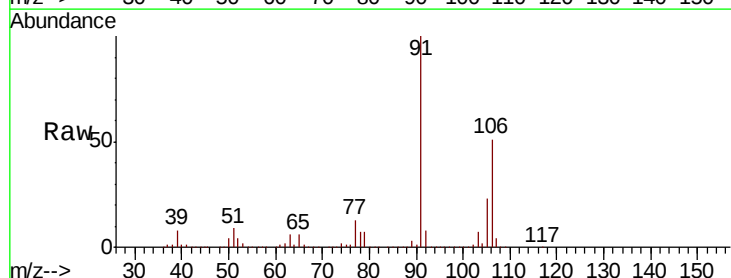
Acq: 10 Jun 2019 09:47

Tgt Ion: 106 Resp: 532675

Ion Ratio Lower Upper

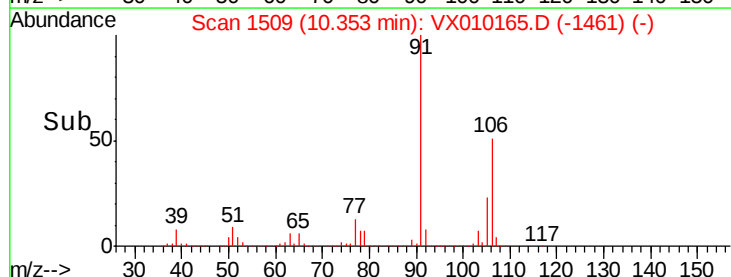
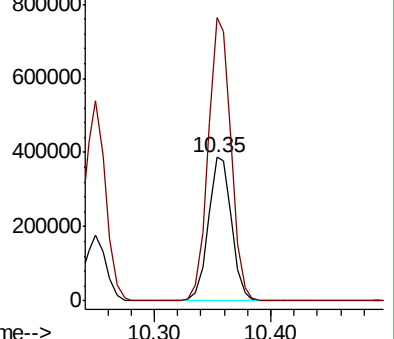
106 100

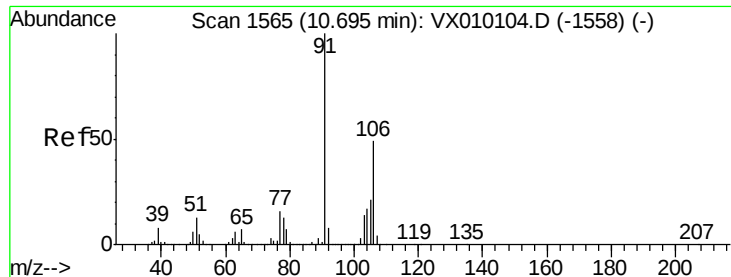
91 194.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

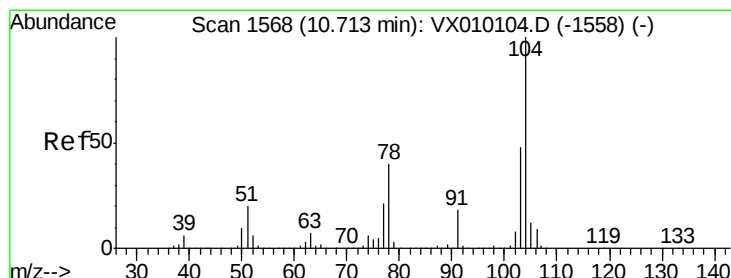
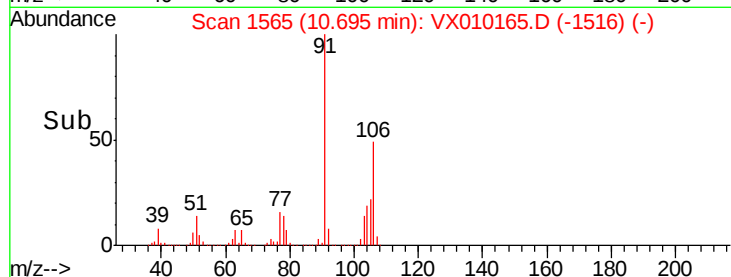
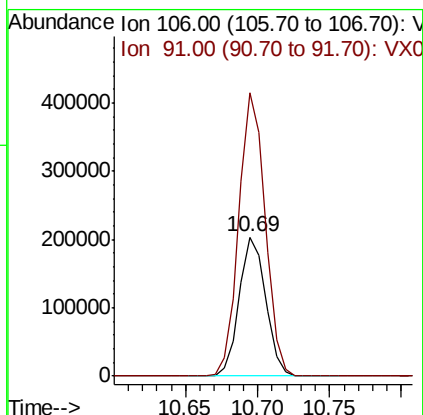
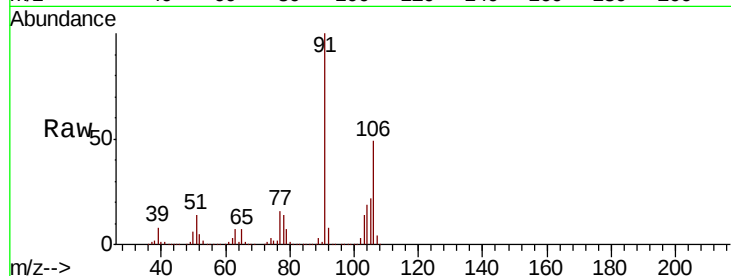




#69
o-Xylene
Concen: 49.019 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

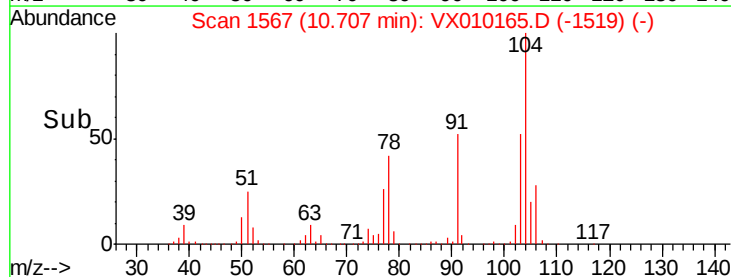
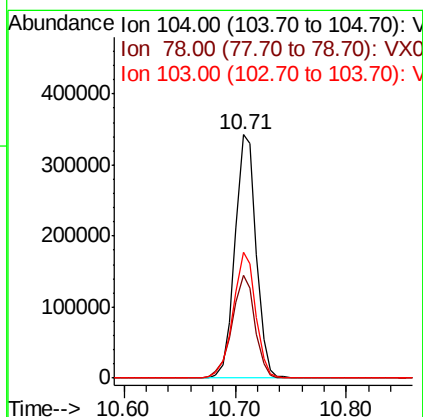
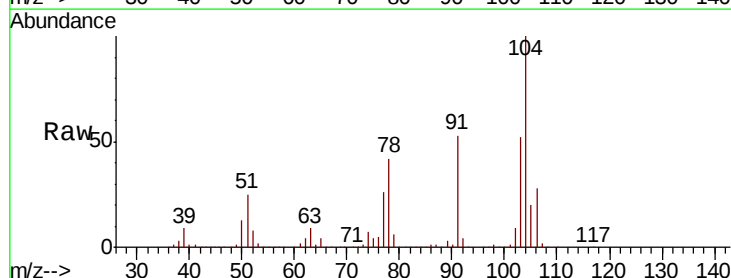
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

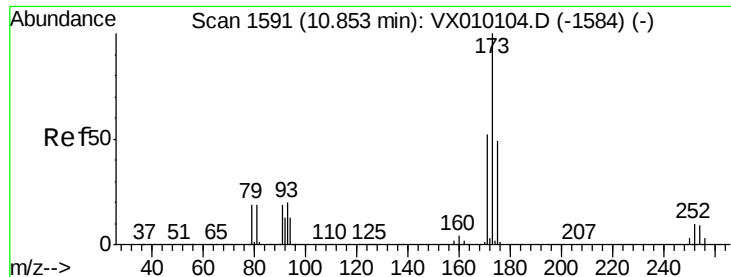
Tot Ion:106 Resp: 262339
Ion Ratio Lower Upper
106 100
91 202.0 110.4 331.2



#70
Styrene
Concen: 49.786 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion:104 Resp: 451263
Ion Ratio Lower Upper
104 100
78 45.5 42.1 63.1
103 54.7 44.1 66.1





#71

Bromoform

Concen: 50.276 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

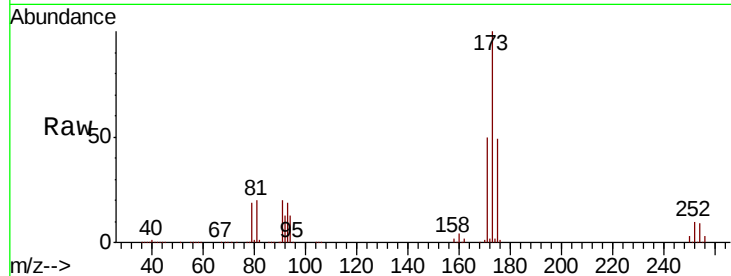
Tot Ion:173 Resp: 145263

Ion Ratio Lower Upper

173 100

175 48.9 25.0 75.0

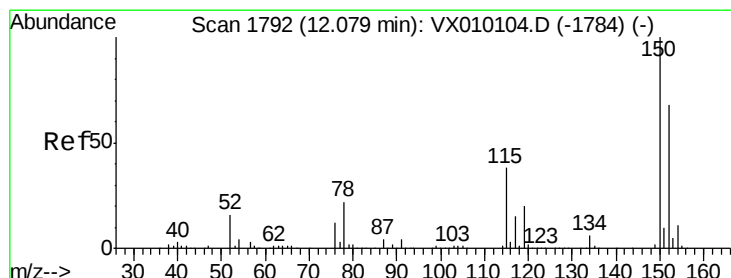
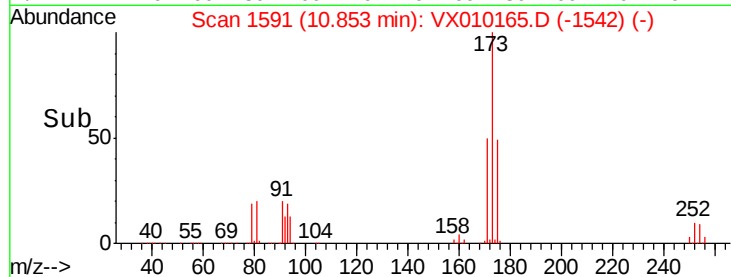
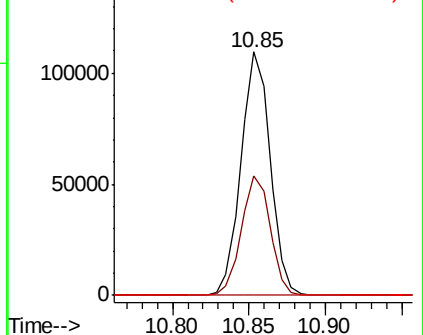
254 0.1 0.2 0.2#



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: VX010165.D

Acq: 10 Jun 2019 09:47

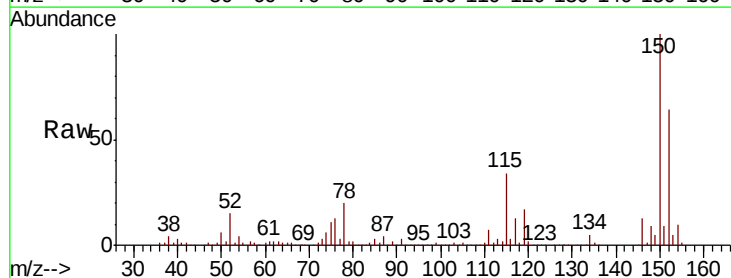
Tgt Ion:152 Resp: 209959

Ion Ratio Lower Upper

152 100

115 76.5 41.4 124.2

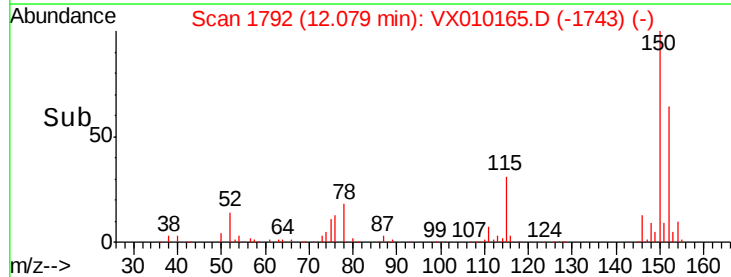
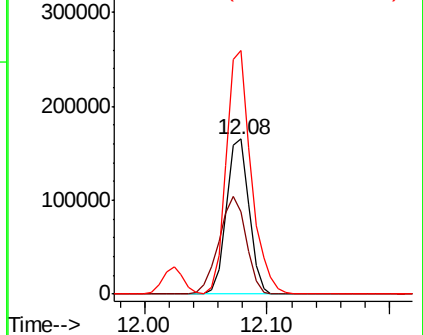
150 171.8 0.0 345.2

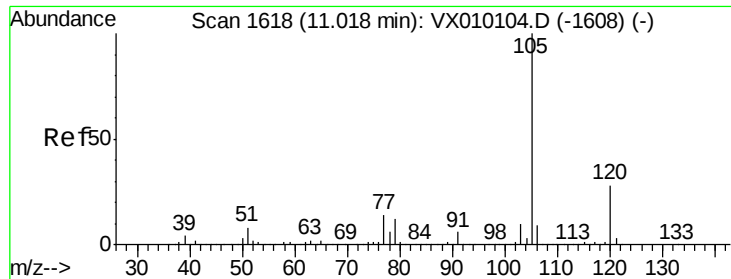


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.272 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

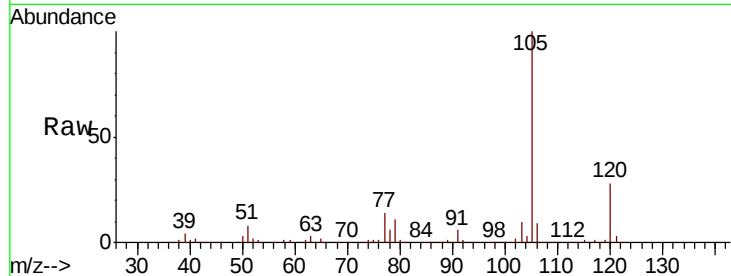
VSTDCCC050

Tot Ion:105 Resp: 692842

Ion Ratio Lower Upper

105 100

120 28.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

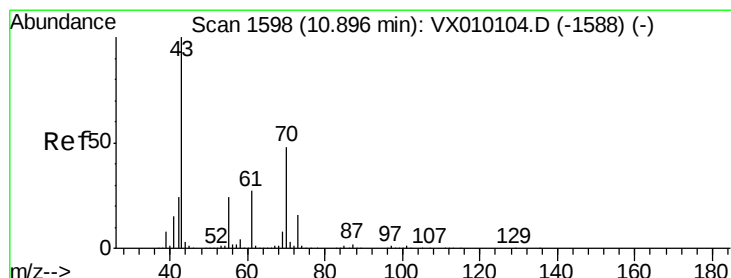
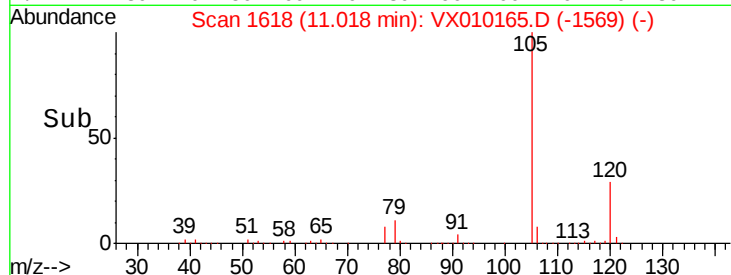
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 46.900 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Tgt Ion: 43 Resp: 271722

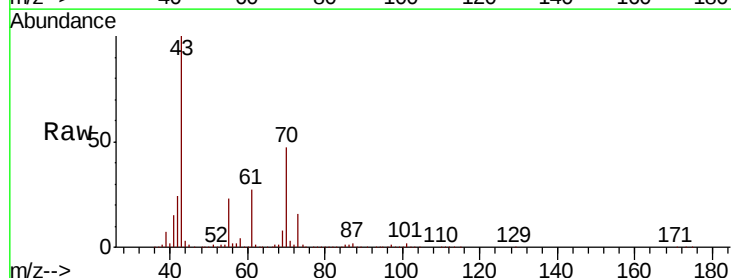
Ion Ratio Lower Upper

43 100

70 46.4 28.6 43.0#

55 23.7 17.8 26.8

61 26.5 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

100000

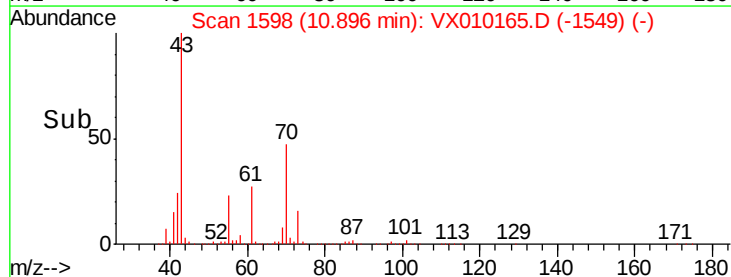
0

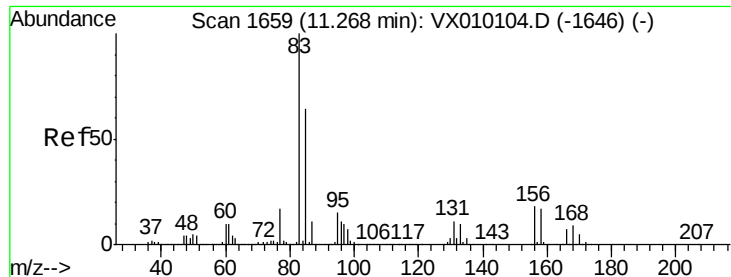
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.301 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

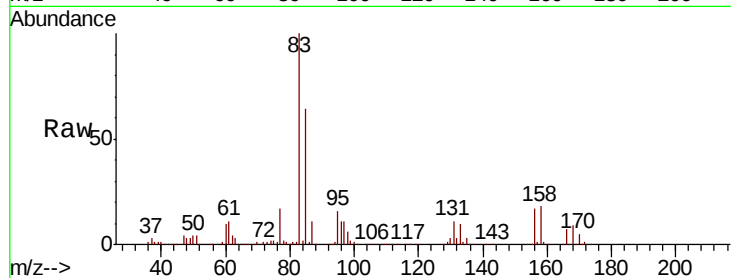
Tot Ion: 83 Resp: 227278

Ion Ratio Lower Upper

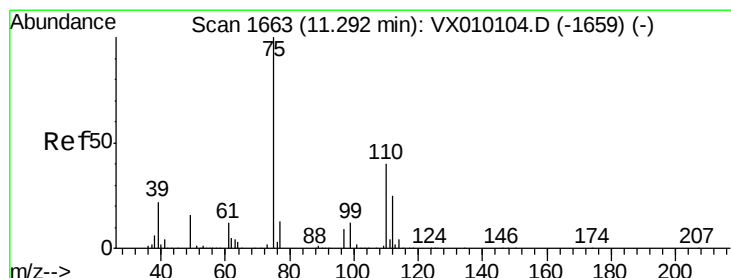
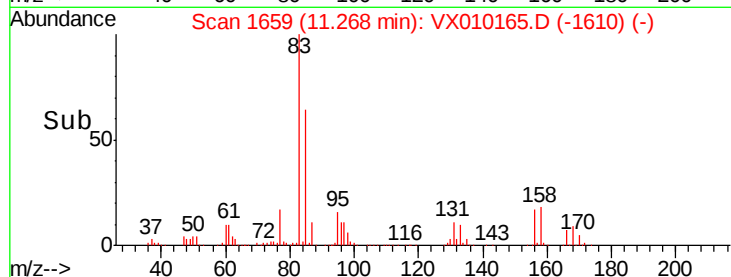
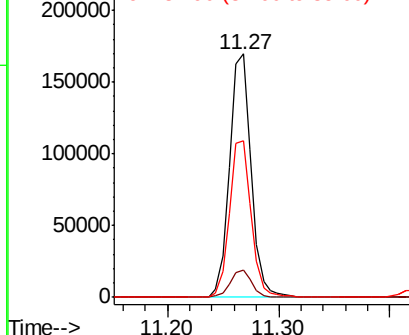
83 100

131 11.1 4.7 14.1

85 64.7 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: 63.375 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010165.D

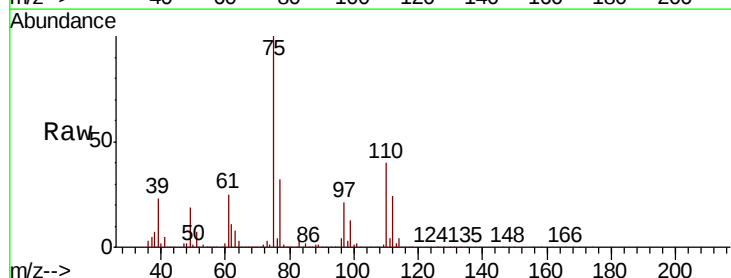
Acq: 10 Jun 2019 09:47

Tgt Ion: 75 Resp: 266149

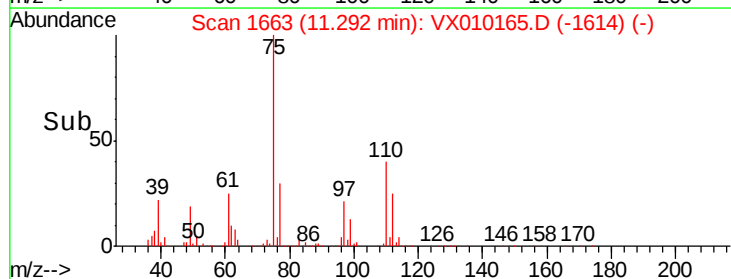
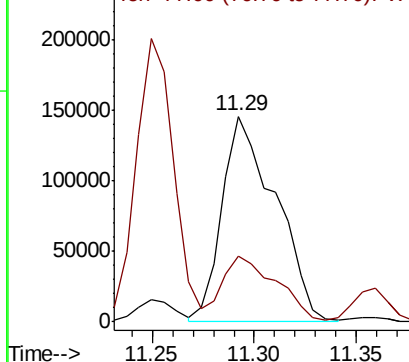
Ion Ratio Lower Upper

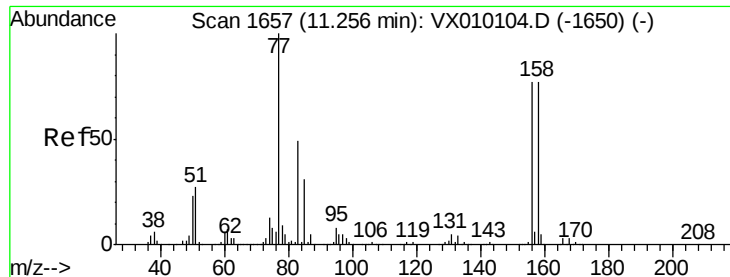
75 100

77 32.5 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: 47.487 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

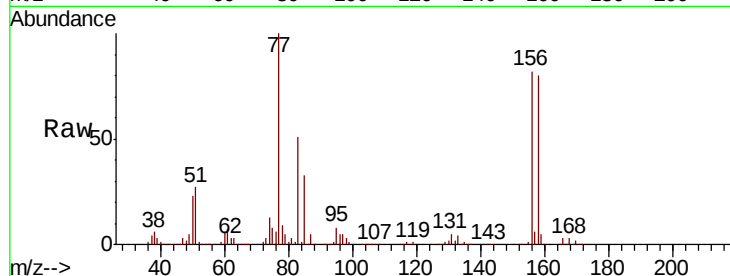
Tot Ion:156 Resp: 191394

Ion Ratio Lower Upper

156 100

77 134.1 86.8 260.3

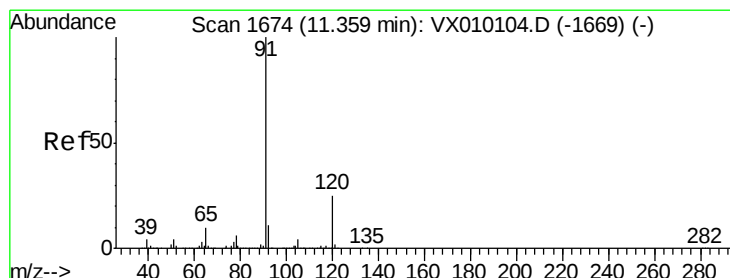
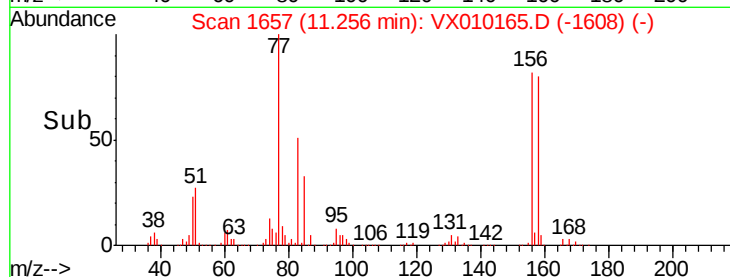
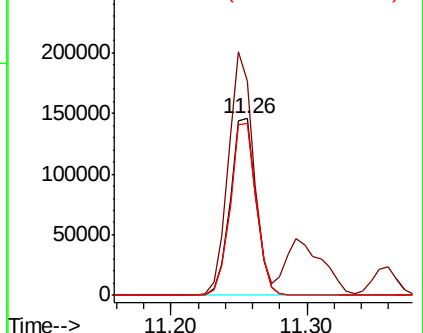
158 97.2 49.6 148.8



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: 48.312 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010165.D

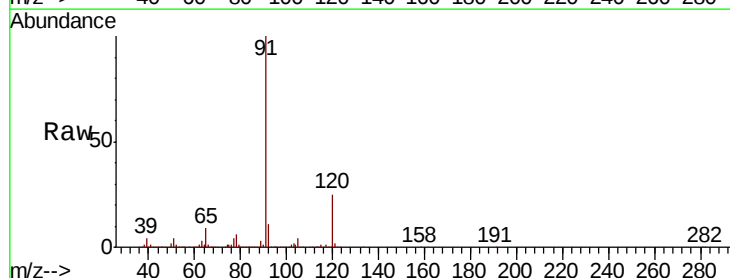
Acq: 10 Jun 2019 09:47

Tgt Ion: 91 Resp: 788308

Ion Ratio Lower Upper

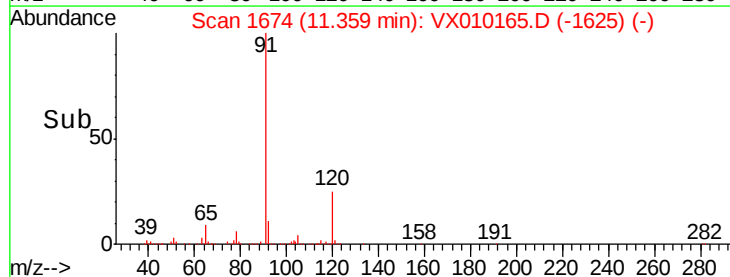
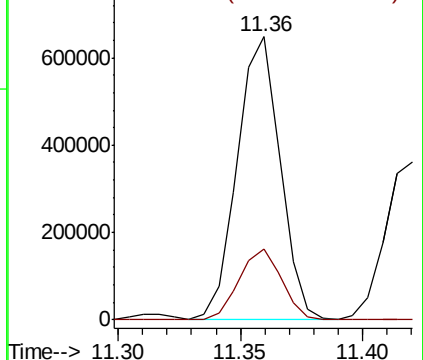
91 100

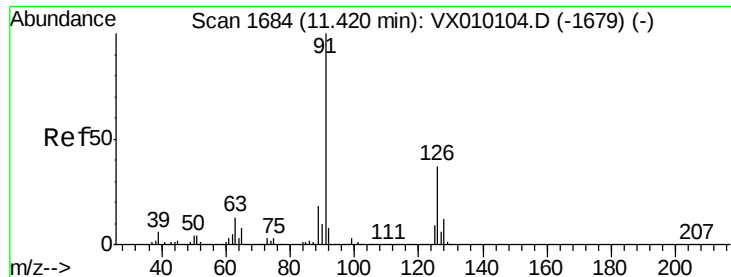
120 25.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.914 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

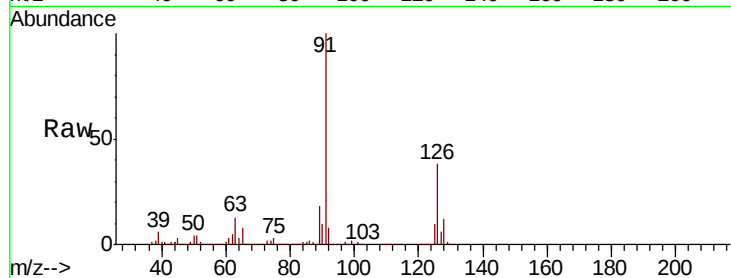
VSTDCCC050

Tot Ion: 91 Resp: 459746

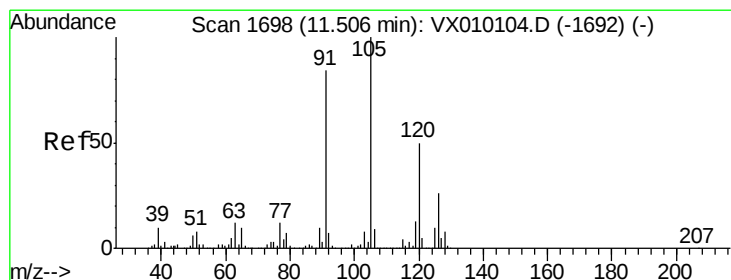
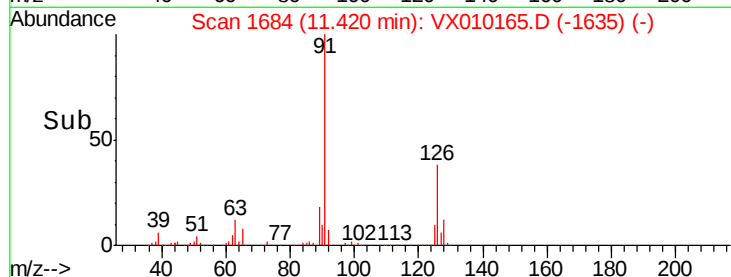
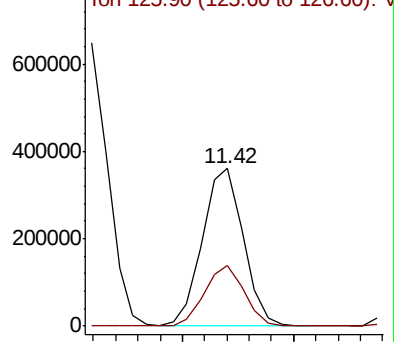
Ion Ratio Lower Upper

91 100

126 37.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.563 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010165.D

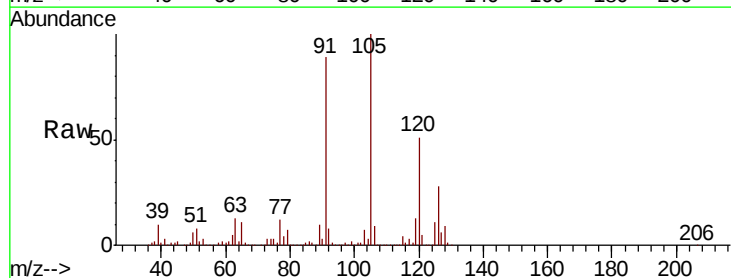
Acq: 10 Jun 2019 09:47

Tgt Ion: 105 Resp: 587155

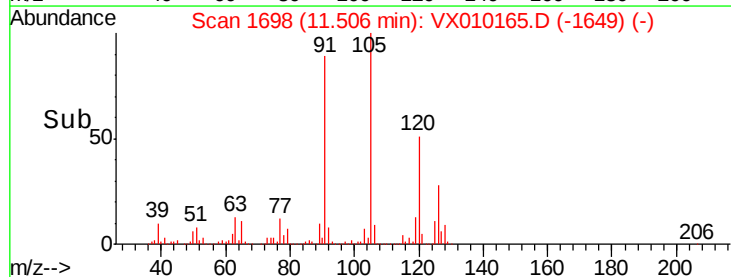
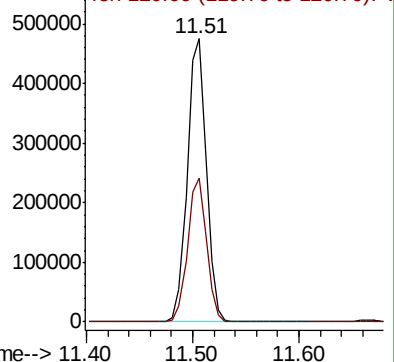
Ion Ratio Lower Upper

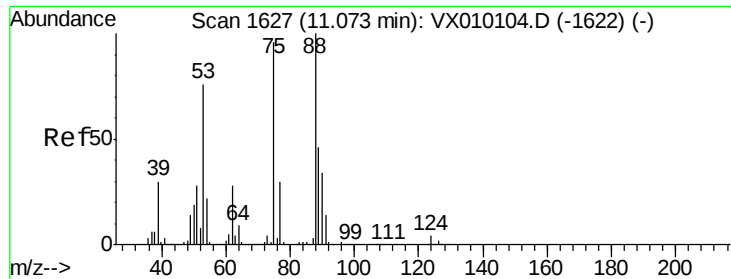
105 100

120 50.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

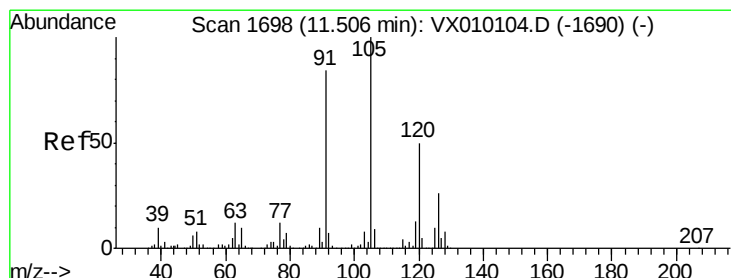
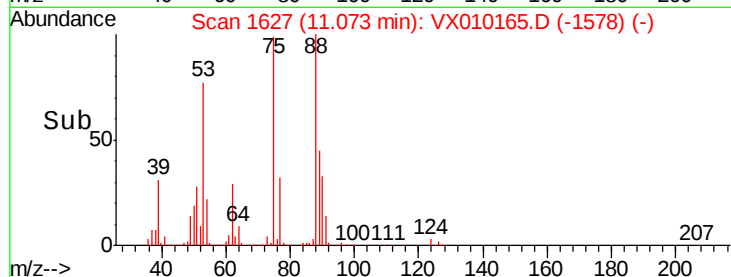
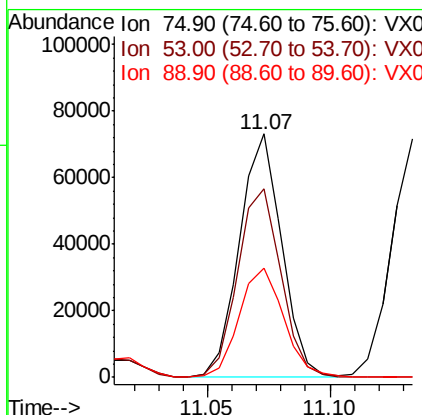
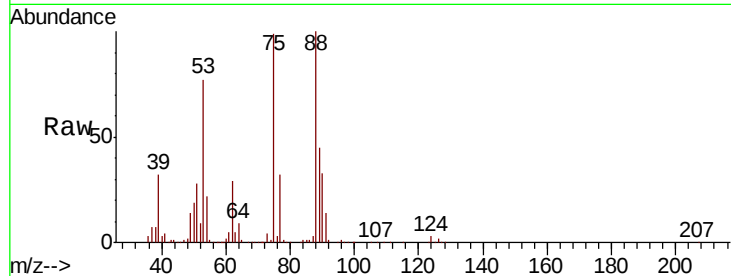




#81
trans-1,4-Dichloro-2-butene
Concen: 46.222 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

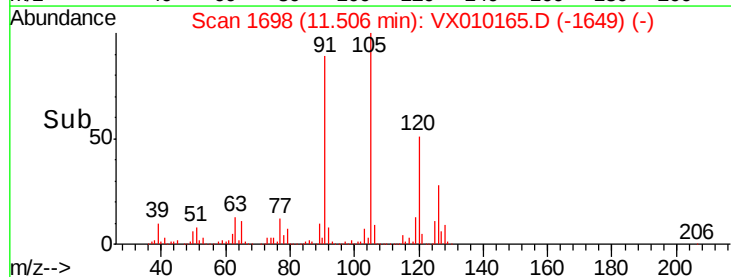
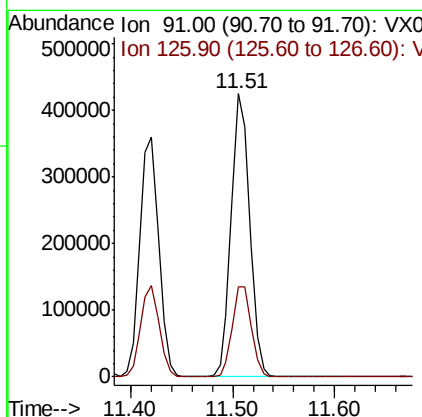
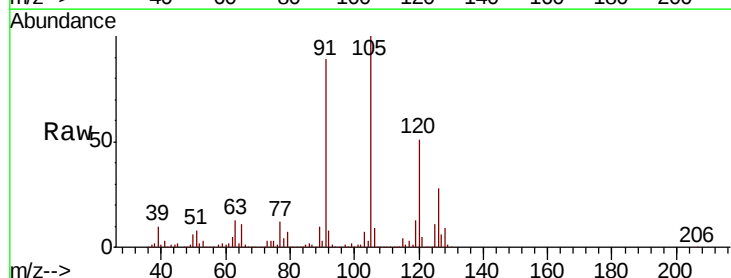
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

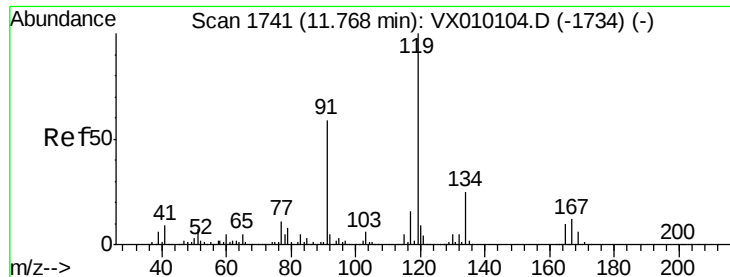
Tot Ion: 75 Resp: 87857
Ion Ratio Lower Upper
75 100
53 79.4 79.8 119.6#
89 47.8 34.2 51.4



#82
4-Chlorotoluene
Concen: 47.779 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion: 91 Resp: 531893
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.6

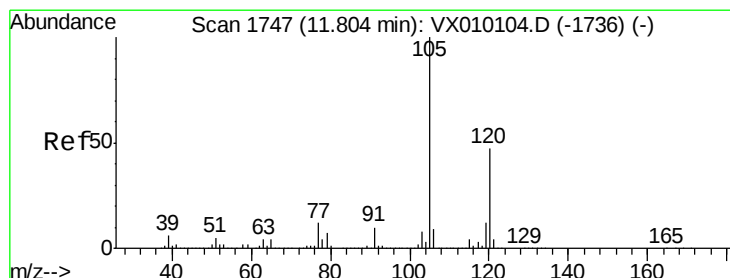
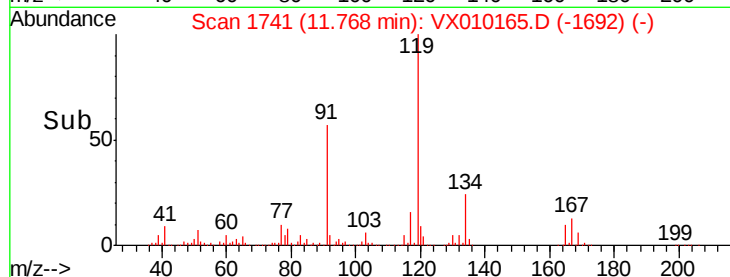
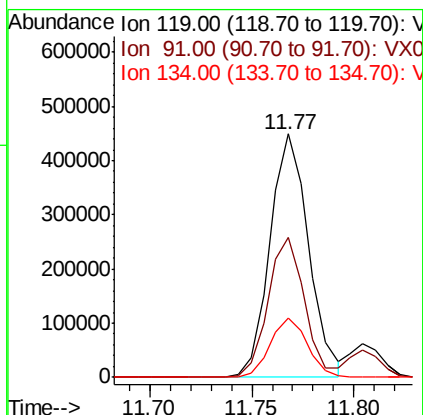
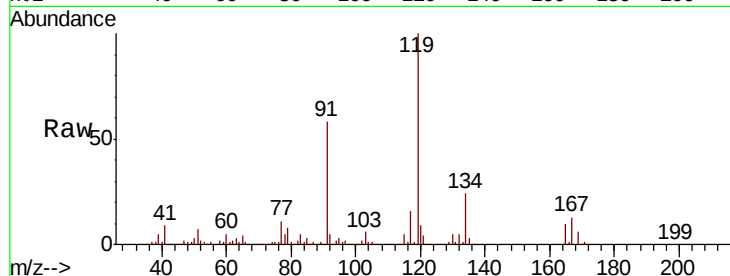




#83
tert-Butylbenzene
Concen: 47.642 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

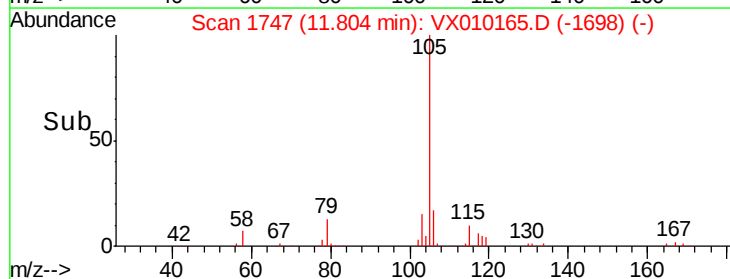
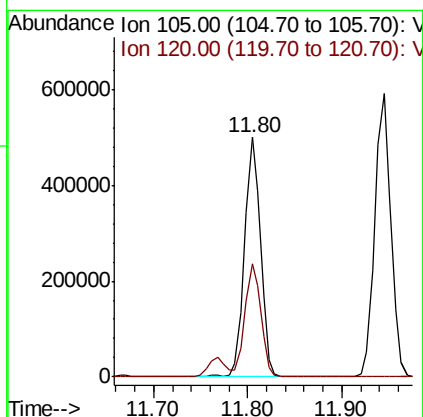
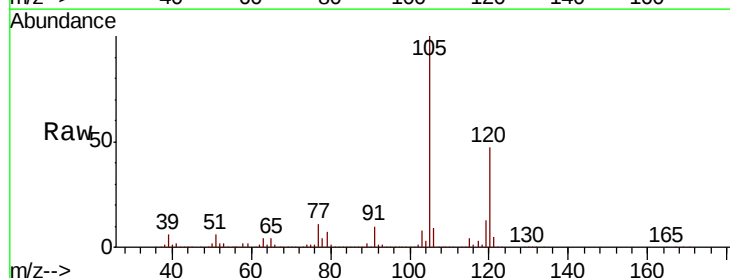
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

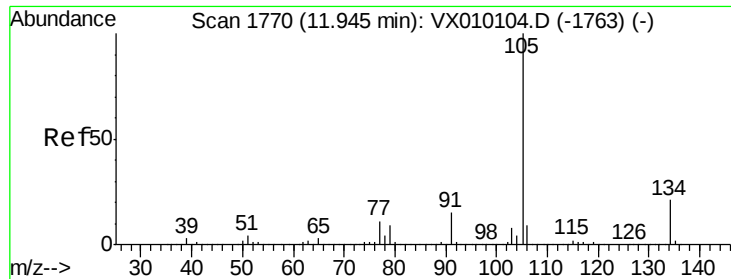
Tot Ion:119 Resp: 595265
Ion Ratio Lower Upper
119 100
91 54.5 30.0 90.0
134 23.2 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 47.520 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion:105 Resp: 592537
Ion Ratio Lower Upper
105 100
120 47.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 48.031 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

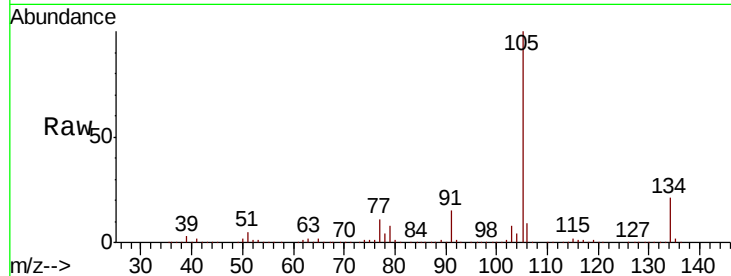
VSTDCCC050

Tot Ion:105 Resp: 699169

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

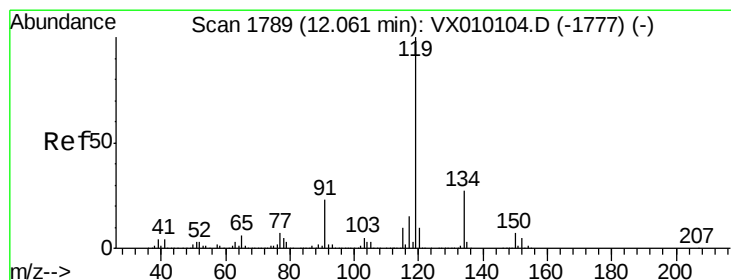
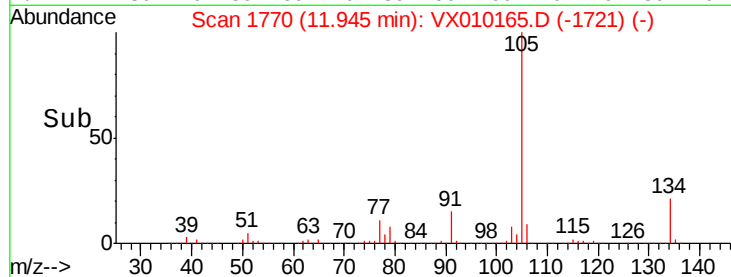
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.612 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

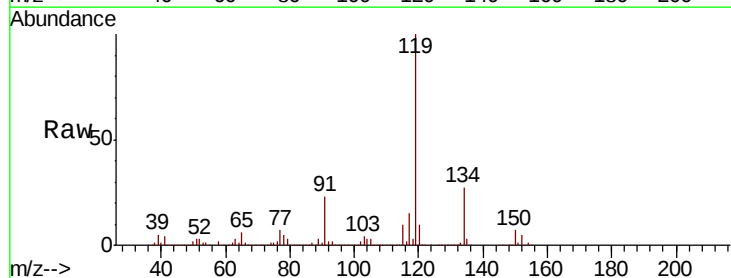
Tgt Ion:119 Resp: 646910

Ion Ratio Lower Upper

119 100

134 27.7 12.9 38.6

91 22.8 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

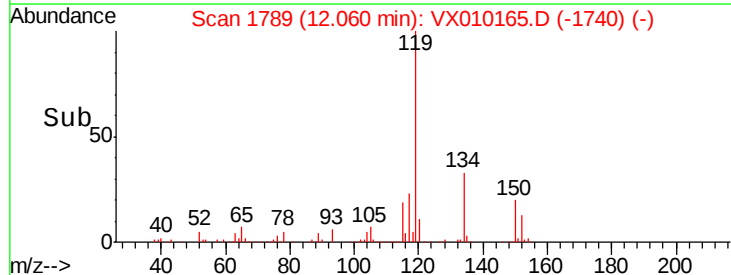
600000

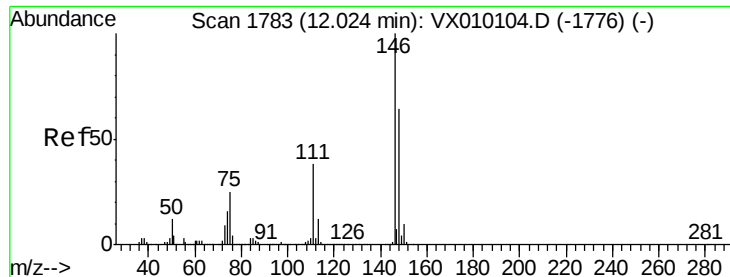
400000

200000

0

Time-->

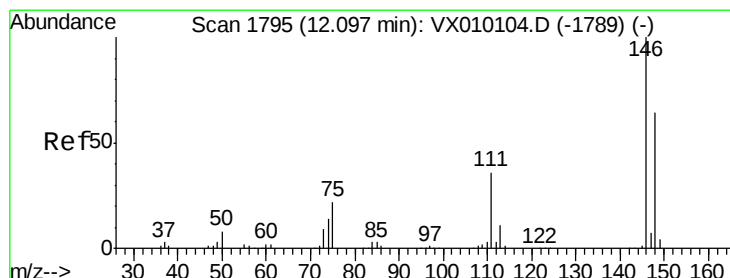
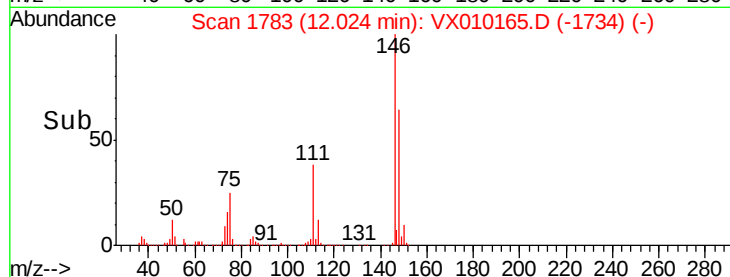
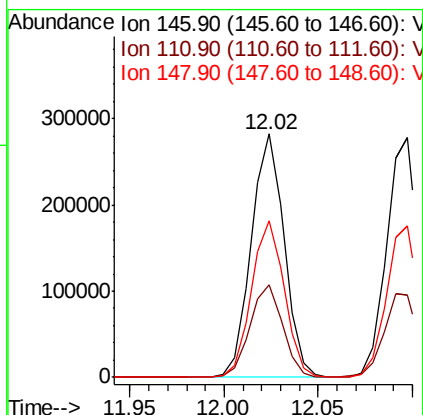
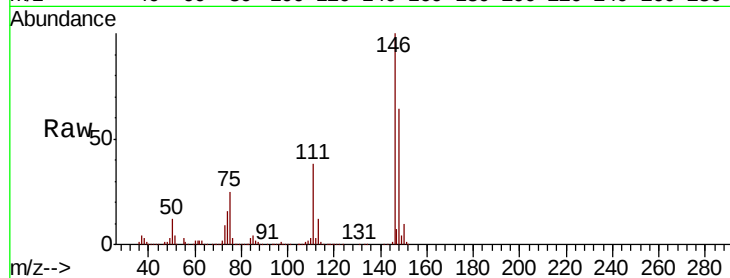




#87
 1,3-Dichlorobenzene
 Concen: 48.223 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

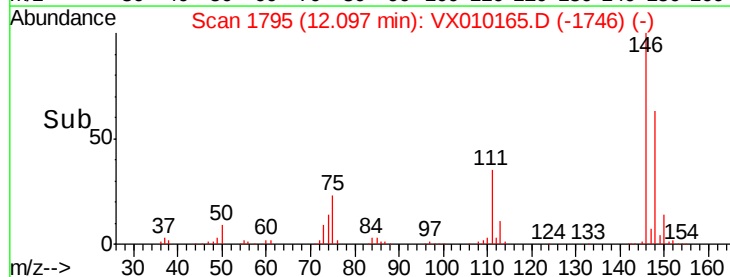
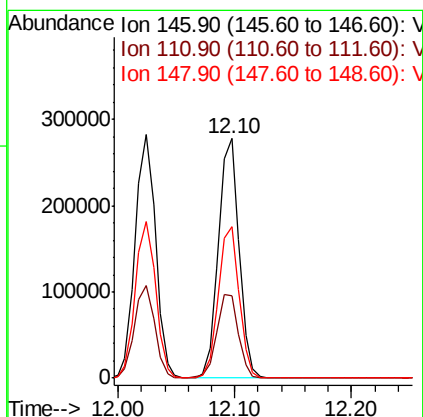
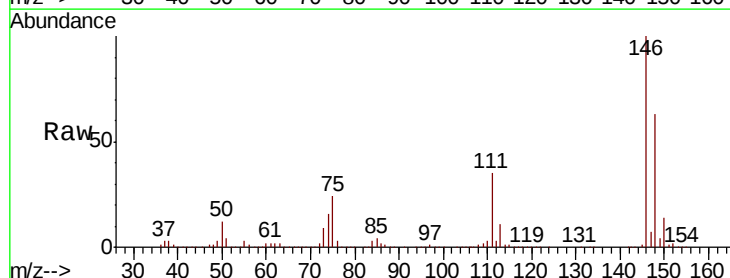
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

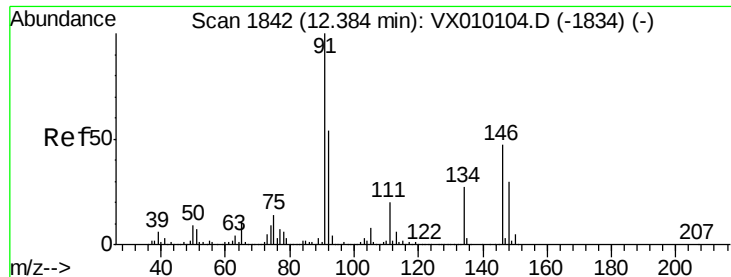
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	20.1	60.2
148	64.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.133 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	20.0	59.9
148	64.0	32.3	96.9

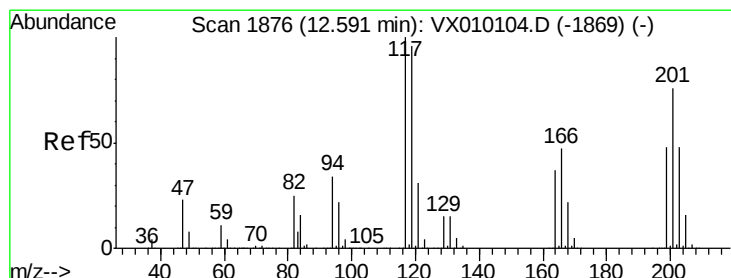
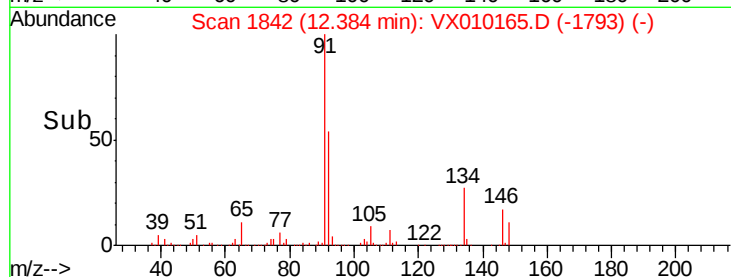
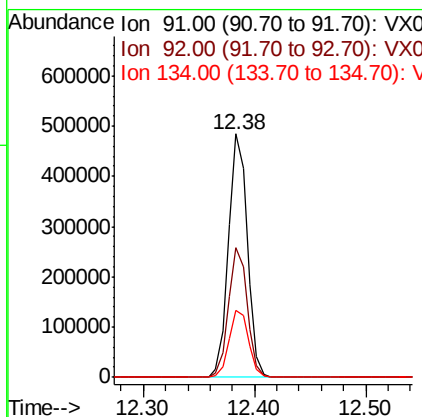
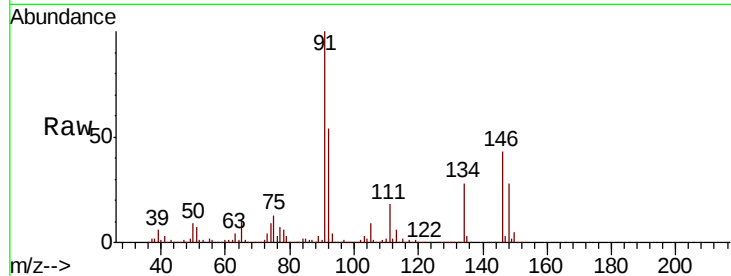




#89
n-Butylbenzene
Concen: 49.539 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

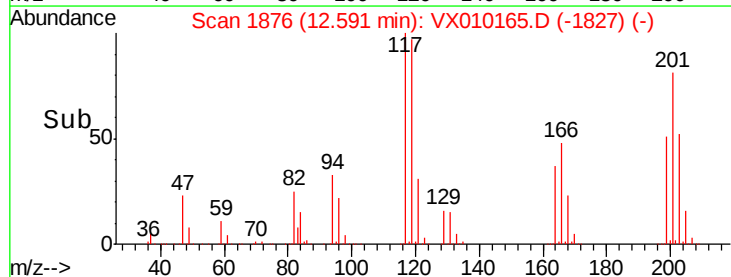
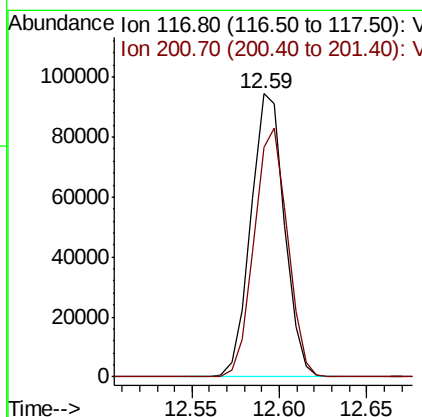
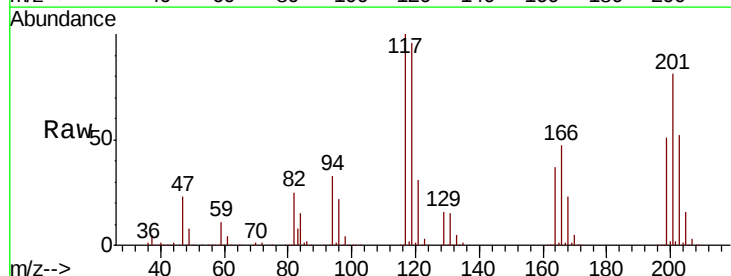
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

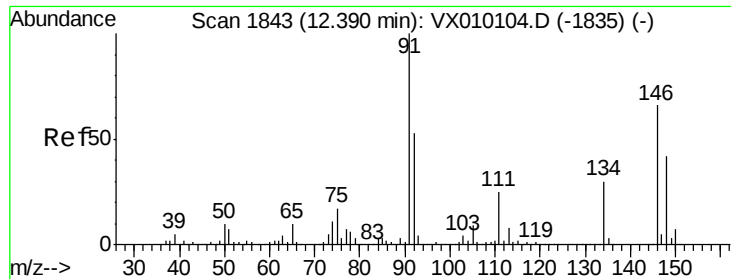
Tot Ion: 91 Resp: 567463
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.8
134 28.3 12.3 36.8



#90
Hexachloroethane
Concen: 47.514 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion: 117 Resp: 125955
Ion Ratio Lower Upper
117 100
201 87.2 43.6 130.9

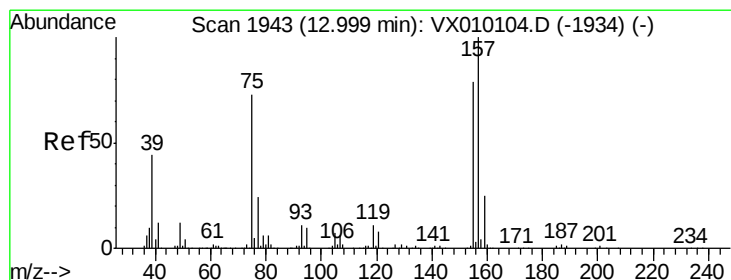
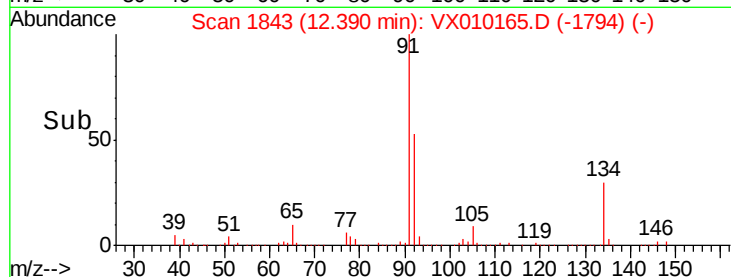
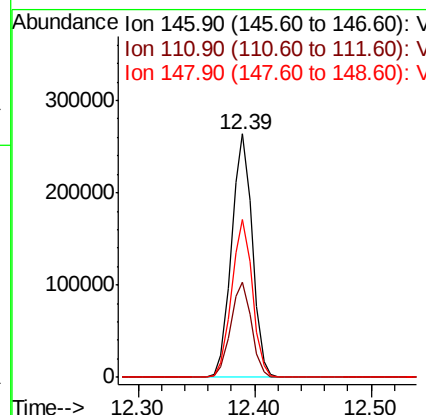
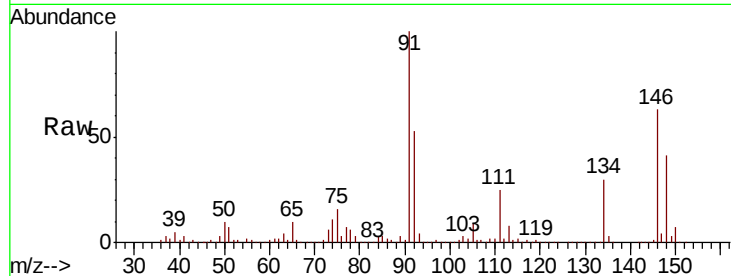




#91
 1,2-Dichlorobenzene
 Concen: 47.217 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

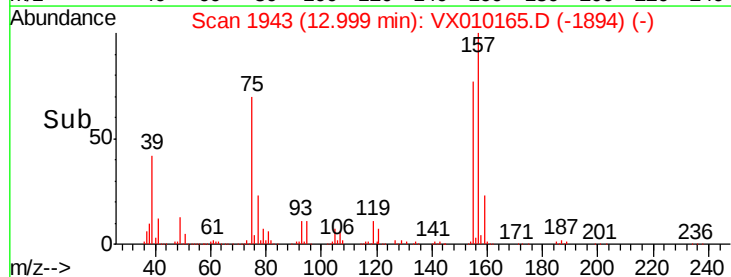
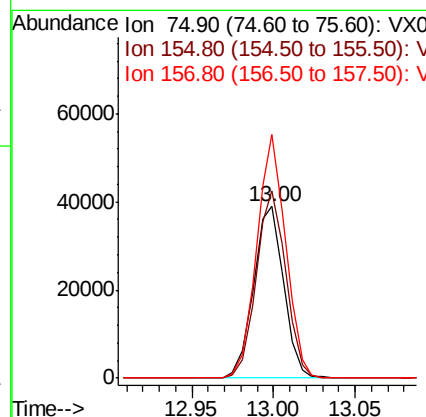
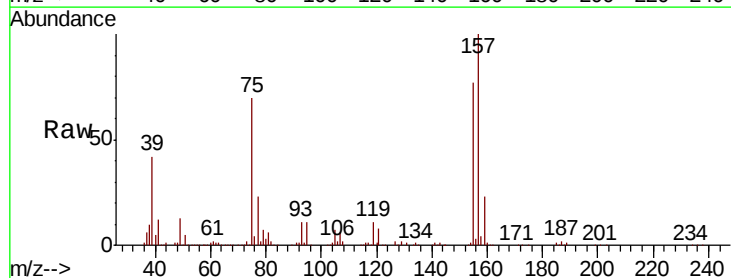
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 325881
 Ion Ratio Lower Upper
 146 100
 111 39.1 21.1 63.1
 148 64.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.485 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

Tgt Ion: 75 Resp: 50158
 Ion Ratio Lower Upper
 75 100
 155 107.0 39.3 117.8
 157 136.4 50.6 151.8

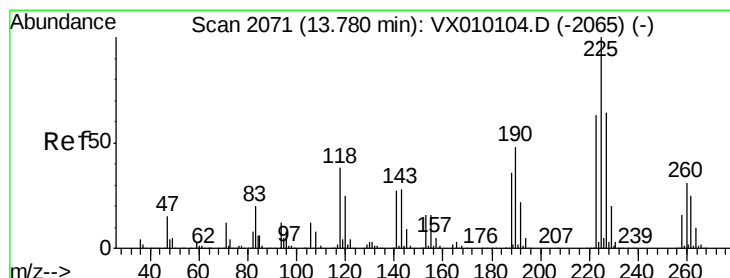
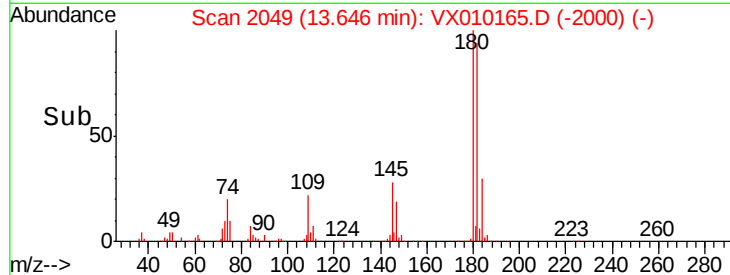
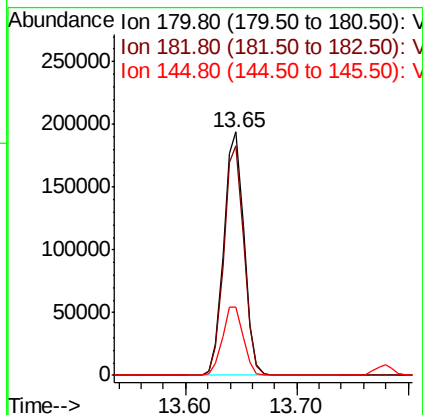
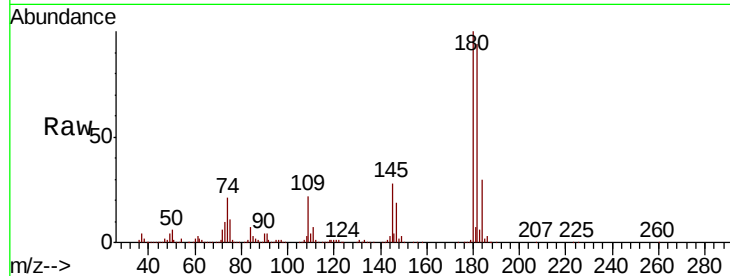




#93
 1,2,4-Trichlorobenzene
 Concen: 48.000 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

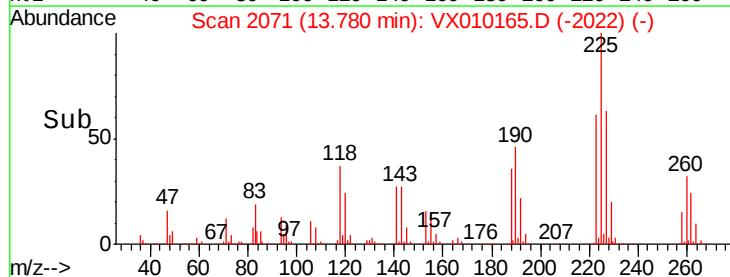
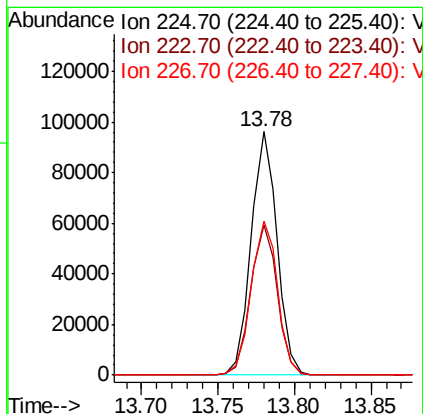
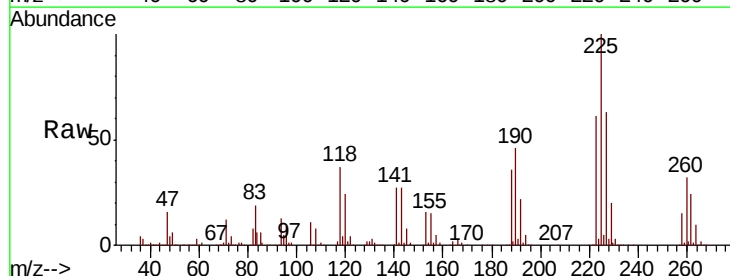
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

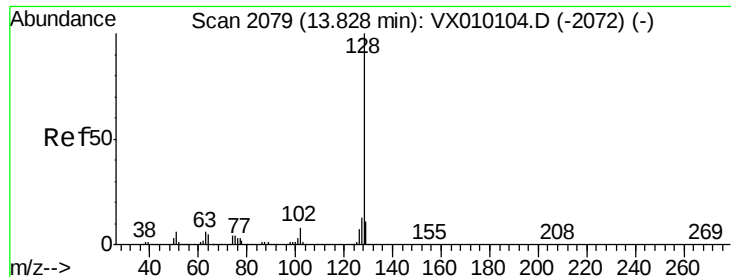
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.2
145	29.1	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 50.424 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010165.D
 Acq: 10 Jun 2019 09:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.8
227	64.6	32.3	96.8

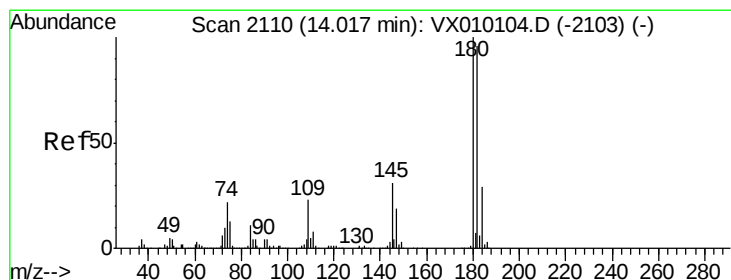
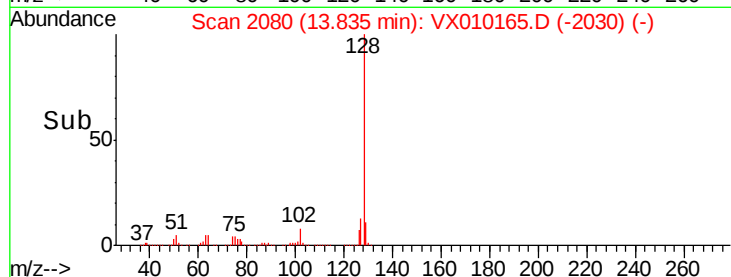
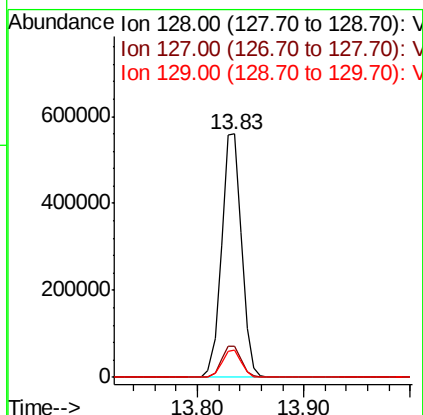
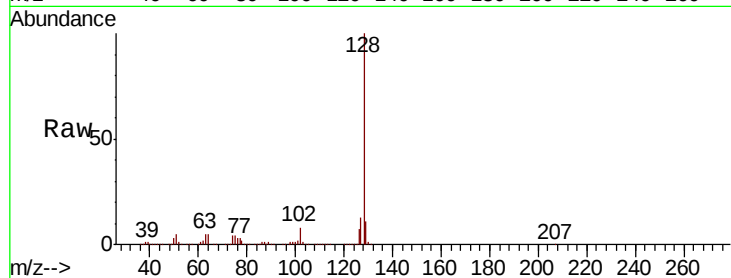




#95
Naphthalene
Concen: 46.060 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 732524
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.985 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010165.D
Acq: 10 Jun 2019 09:47

Tgt Ion:180 Resp: 239698
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 30.8 15.6 46.7

